

INDEX TO VOLUME 45

The asterisk (*) preceding the page number indicates an original article in the Archives. Subject entries are made for all articles. Author entries are made for original articles and society transactions. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters B, O and S, respectively.

- Abnormalities and Deformities:** See under names of diseases, organs and regions, as Corpus Callosum; Nose; Occipital Bone; Spine; etc.
- Abramson, D. I.:** Peripheral blood flow in schizophrenia and other abnormal mental states; plethysmographic study, *973
- Abscess:** See under names of organs and regions, i. e., Brain, abscess; Cerebellum, abscess; Cranium; Spine; etc.
- Accidents:** See Trauma
- Acetarsone, Therapy:** See Dementia Paralytica
- Achlorhydria:** See Stomach, acidity
- Acid, acetoacetic;** chemistry of anticonvulsant drugs, *508
- Ascorbic:** See Vitamins, C
- Cevitamic:** See Vitamins, C
- Citric:** See Citrates
- fatty, synthesized by action of thiamine,** 706
- lactic;** acid-soluble phosphorus compounds and lactic acid in brain, 706
- pyruvic;** chemistry of anticonvulsant drugs, *508
- Acrromegaly, case studied during course of disease and at autopsy,** 348
- neuritis associated with,** *680
- Actinomyces, spinal epidural abscess associated with,** 856
- Addison's Disease, neuropsychiatric disturbances in Addison's disease and role of impaired carbohydrate metabolism in production of abnormal cerebral function,** 881
- Ades, H. W.:** Connections of medical geniculate body in cat, *138
- Adler, A.:** Equine encephalomyelitis, 377
- Adolescence, macrogenitosomia praecox associated with hyperplasia of androgenic tissue of adrenal and death from corticoadrenal insufficiency,** 348
- Adrenals, effect of pituitary adrenocorticotrophic hormone and of various adrenal cortical principals on insulin hypoglycemia and liver glycogen,** 539
- macrogenitosomia praecox associated with hyperplasia of androgenic tissue of adrenal and death from corticoadrenal insufficiency,** 348
- virilism with symptoms of involvement of adrenal cortex: report of case,** 189
- Age, Old:** See Old Age
- Agraphia:** See Aphasia
- Aird, R. B.:** Prolonged jugular compression; diagnostic test of neurologic value, *633
- Akelaitis, A. J.:** Studies on corpus callosum; higher visual functions in each homonymous field following complete section of corpus callosum, *788
- Alcohol, danger of subarachnoid injection for relief of pain,** *533
- In Blood:** See under Blood
- Alcoholism:** See also Delirium tremens; Liver, cirrhosis
- alcohol: study of social ambivalence,** 547
- changes in brain in,** *56
- effect of amphetamine sulfate and allied drugs on alcohol level of blood,** 898
- Influence of alcohol on adequacy of B vitamins in American diet,** 336
- some contemporary opinions,** 899
- Alcoholism—Continued**
- Stephen Collins Foster,** 383
- study of alcohol and its relationship to carbohydrate metabolism,** 197
- treatment by establishing conditioned reflex,** 550
- use of amphetamine (benzedrine) sulfate as adjuvant in treatment; further report,** 899
- Aldehydes, chemistry of anticonvulsant drugs,** *508
- Alkalosis, effect on chemical composition of brain, skeletal muscle, liver and heart,** 539
- Allen, A. M.:** Changes in brain in alcoholism, *56
- Allergy:** See Anaphylaxis and Allergy
- Alpers, B. J.:** Effect of vitamin E on muscular dystrophies, 364
- Amentia:** See Insanity; Mental Diseases; etc.
- Amnesia, unsolved problems in aphasia; amnesic aphasia,** 344
- Amphetamine Therapy:** See under Alcoholism; Dementia Praecox
- Amputation-Stumps, pain in amputated stumps,** 1033
- Amyotonia:** See Myatonia
- Amyotrophy:** See Sclerosis, amyotrophic lateral
- Anaphylaxis and Allergy:** See also Arthus Phenomenon; etc.
- histaminase and epilepsy,** 187
- histamine desensitization of allergic epileptic patients,** 186
- neuropathologic changes associated with experimental anaphylaxis in monkey,** *733
- Androgens:** See also Hormones, sex
- altered concept of therapy of involutional melancholia with estrogen and androgen,** *752
- effect of testosterone propionate on induced creatinuria in rats,** 539
- endocrine abnormalities in childhood,** 731
- testosterone propionate and male climacteric,** 352
- treatment of mental disorders with male sex hormone,** 352
- Anemia, achlorhydric hypochromic, associated with peripheral neuritis,** 175
- sickle cell, involvement of nervous system in,** 542
- Aneurysm, arteriovenous, and exophthalmos, without pulsation,** 344
- carotid ligation in saccular intracranial aneurysms,** 711
- neuroanatomic examination of brain after ligation of carotid artery in case of pulsating exophthalmos,** 859
- sleeping intracranial aneurysm simulating neoplasm; syndrome of corpus callosum,** *86
- Angioscotometry:** See Scotoma
- Anomalles:** See under names of organs and regions, as Corpus Callosum; Nose; Occipital Bone; Spine; etc.
- Anoxemia:** See Oxygen, deficiency
- Anoxia:** See Oxygen, deficiency
- Antrum, bilateral ophthalmoplegia from intracranial extension of tumor of right maxillary sinus,** 716
- Aphasia, Amnesic:** See Amnesia
- significance as symptom of otogenic extradural abscess,** 169
- Apoplexy:** See Brain, hemorrhage
- Apparatus, adaptation of Sayre apparatus for use in encephalography,** *319
- convulsive phenomena produced by new method of remote excitation,** *617
- petechial hemorrhages of brain experimentally produced in rats by concussion,** *1

- Arachnoid, astrocytosis arachnoideae cerebelli; rare manifestation of von Recklinghausen's neurofibromatosis, *520
- Hemorrhage: See Meninges, hemorrhage
- Inflammation; pathology and pathogenesis of syphilitic primary optic atrophy, 718
- Arachnoiditis: See Arachnoid, inflammation
- Arieff, A. J.: Deterioration in epilepsy, 1049
- Aring, C. D.: Ingestion of large doses of diltantin sodium, *265
- Peripheral nerves in cases of nutritional deficiency, *772
- Arms: See also Extremities
- causes of relapse following sympathectomy of, 865
- vascular complications of cervical ribs and first thoracic rib abnormalities, 865
- Arsenic and Arsenic Compounds, arsenic as possible cause of subacute encephalomyelitis; correlation of chemical, clinical and histologic observations, *24, 373
- Art, mesaline hallucinations in artists, *130
- symbolic, in case of schizophrenia, 190
- Arteries: See also Aneurysm; Arteriosclerosis; Blood pressure; Periarthritis; etc.
- arteritis of temporal vessels, 863
- carotid ligation in saccular intracranial aneurysms, 711
- carotid: sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446
- Cerebral: See Brain, blood supply
- experimental studies on headache; contrast of histamine headache with headache of migraine and that associated with hypertension; contrast of vascular mechanisms in preheadache and in headache phenomena of migraine, *199
- infarction of brain with unilateral circulatory changes, *321
- Retinal: See Retina, blood supply
- Arteriography: See Brain, blood supply
- Arteriosclerosis, brain in malignant hypertension, 713
- cerebral, spinal fluid in differential diagnosis of, 176
- Arteritis: See Arteries; Periarthritis
- Arthur Phenomenon, neuropathologic changes associated with experimental anaphylaxis in monkey, *733
- Astrocytosis arachnoideae cerebelli; rare manifestation of von Recklinghausen's neurofibromatosis, *520
- Ataxia, combined Charcot-Marie-Tooth amyotrophy and Friedreich's disease in several members of family, 347
- hereditary, in identical twins affecting cerebellum and certain of its physiologically related structures; clinicopathologic study, 1044
- Atheroma: See Arteriosclerosis
- Atlas and Axis, neurologic syndromes accompanying developmental anomalies of occipital bone, atlas and axis, *577
- Atrophy: See also under names of organs and regions, as Brain, atrophy; Cerebellum; Face; Nerves, optic; etc.
- Muscular: See also Dystrophy, muscular
- muscular; relationship between amyotonia congenita and congenital myopathy, 179
- muscular; vitamin therapy of diseases of neuromuscular apparatus, *672
- Aub, J. C.: Endocrine abnormalities in childhood, 731
- Ault, C. C.: Involutional melancholia; review with additional cases, *944
- Aviation and Aviators, injury to vertebrae occurring in Royal Air Force; review of cases, 553
- Avitaminoses: See under Vitamins
- Axons: See Neurons
- Bacilli: See Bacteria
- Backache, clinical aspects of protruded intervertebral disk, 558
- Bacteria: See also Meningococci; etc.
- Listeria; primary encephalitis in goats due to bacterial (Listeria) infection, 373
- Bailey, P.: Experimental production of intracranial tumors in white rat, 1047
- Bárány Test: See Ear, internal
- Barbital and Barbital Derivatives, chemistry of anticonvulsant drugs (barbiturates), *508
- effects of phenobarbital on muscular steadiness, 1017
- Barré-Guillain Syndrome: See Nerves, roots
- Basophilism (Cushing): See under Pituitary Body
- Basophilia: See Pituitary Body
- Bean, W. B.: Peripheral nerves in cases of nutritional deficiency, *772
- Beauchemin, J. A.: Histamine desensitization of allergic epileptic patients, 186
- Bell's Palsy: See Paralysis, facial
- Bellabulgar: See Encephalitis
- Belladonna, Therapy: See Encephalitis; Parkinsonism
- Bender, M. B.: Metamorphopsia and other psychovisual disturbances in patient with tumor of brain, *481
- Benzanthracene, experimental retinoblastoma, 376
- Benzedrine, Therapy: See under Alcoholism; Dementia Praecox; etc.
- Benzoxazoles, chemistry of anticonvulsant drugs, *508
- Berger Rhythm: See Brain, physiology
- Bile production, relation of anterior pituitary to, 548
- Birds: See Encephalomyelitis
- Bismuth and Bismuth Compounds, Therapy: See Dementia Paralytica; Syphilis
- Blindness: See Vision
- Blood: See also Leukocytes
- abnormalities of blood associated with "encephalomyelitis" and multiple sclerosis, 725
- Diseases: See Anemia
- effect of amphetamine sulfate and allied drugs on alcohol level of blood, 898
- electrocardiographic and serum potassium changes in familial periodic paralysis, 178
- pressure, high; brain in malignant hypertension, 713
- pressure, high; experimental studies on headache; contrast of histamine headache with headache of migraine and that associated with hypertension; contrast of vascular mechanisms in preheadache and in headache phenomena of migraine, *199
- pressure, high; histopathogenesis of cerebral apoplexy in cases of hypertension, 545
- pressure, high; neoplasm of posterior fossa simulating cerebral vascular disease; report of 5 cases with reference to role of medulla in production of arterial hypertension, *468
- pressure, high; relationship of migraine to hypertension and to hypertension headaches, 342
- proteins; chemical factors influencing acute psychoses, 363
- Sugar: See also under Insulin
- sugar; psychiatric complications of hypoglycemia in children, 1024
- Bloomberg, W.: Further report on use of amphetamine (benzedrine) sulfate as adjuvant in treatment of alcoholism, 899
- Bodian, D.: Experimental studies on poliomyelitis, 193
- Bond, E. D.: General psychiatry; point of view, 575
- Bones, Diseases: See Osteomyelitis; etc.

BOOK REVIEWS:

- Bacteriology in Neuropsychiatry: Survey of Investigations Concerned with Specific Role of Infectious and Immune Processes; N. Kopeloff, 401
- Hydrocephalus: Its Symptomatology, Pathology, Pathogenesis and Treatment; O. Marburg, 902
- Neuroses in War; E. Miller, 400
- Organism; K. Goldstein, 396
- Principles of Psychiatric Nursing; M. E. Ingram, 401
- Psychiatric Dictionary; L. E. Hinsie and J. Shatzky, 576
- Psychiatric Social Work; L. M. French, 1051
- Review of Psychoneuroses at Stockbridge; G. P. Coon and A. F. Raymond, 1051
- Science and Seizures: New Light on Epilepsy and Migraine; W. G. Lennox, 902
- Books, committee for publication of books by late Dr. Paul Schilder, 703
- Boshes, B.: Herpes zoster encephalitis; report of case, 724
- Bourneville's Disease: See Sclerosis, tuberculous
- Boutons: See Nerves, roots
- Bowman, K. M.: Changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878
- Brain: See also Cerebellum; Corpus Callosum; Corpus Striatum; Hypothalamus; Lenticular Nucleus; Medulla Oblongata; Meninges; Nervous System; Pons Varolii; etc.
- acid-soluble phosphorus compounds and lactic acid in, 706
- anatomic factors influencing neural integration; pathologist looks at mental disease, 362
- atrophy; mechanism of displacement of ventricular system in children with atrophic lesions, *246
- atrophy; Pick's disease; clinicopathologic study and report of case, *814
- Blood Supply: See also Aneurysm; Arteriosclerosis; etc.
- blood supply; certain factors governing incidence of cerebrovascular crises, 341
- blood supply; changes in vascular pattern following experimental trauma of brain, 379
- blood supply; effect of raised intracranial pressure on cerebral blood flow, 1019
- blood supply; evidence of focal vascular disturbance in migraine equivalent, 864
- blood supply; fuchsin stain for cerebral blood vessels, 378
- blood supply; further experiments on regeneration of end-arteries in brain of opossum, 864
- blood supply; histopathogenesis of cerebral apoplexy in cases of hypertension, 545
- blood supply; porencephalic cyst; report of case with arteriographic studies, *1009
- blood supply; raised intracranial pressure; hydrocephalic and vascular factors, 1018
- cancer; bilateral ophthalmoplegia from intracranial extension of tumor of right maxillary sinus, 716
- carbohydrate metabolism during deficiency of various members of vitamin B complex, 705
- changes in alcoholism, *56
- changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878
- cholesterol esterase in liver and brain, 1018
- choline esterase in brain and spinal cord of sheep embryos, 708
- convulsive phenomena produced by new method of remote excitation, *617
- corticomeningeal scars in traumatic epilepsy; localization by pneumographic examination of subdural space, *666
- cysticercosis; report of case with operation, *494
- cysts, paraphysial, of third ventricle, 1027
- Brain—Continued
- development of human cerebral cortex during first month of life, 387
- Diseases: See also Encephalitis; Insanity; Mental Diseases; etc.
- diseases; encephalopathy due to burns; report of case, *980
- diseases; insulin and cerebral damage, 343
- diseases; intracranial causes of headache, 345
- diseases; phenomenon of body rotation in frontal lobe lesions, 1028
- diseases; spatial disorientation; diagnostic differentiation between frontal and occipital lesions, 715
- edema; cerebral swelling and edema associated with cerebral tumor; histogenetic and histopathologic study, *117
- edema, significance of nature and position of brain tumors in development of, 341
- effect of alkalosis on chemical composition of brain, skeletal muscle, liver and heart, 539
- effects of anterior callosal glioblastoma multiforme on entire brain, 339
- electroencephalocardiogram, 1018
- Hemorrhage: See also under Encephalitis
- hemorrhage; delayed traumatic intracerebral hemorrhage, 170
- hemorrhage; histopathogenesis of cerebral apoplexy in cases of hypertension, 545
- hemorrhage; neoplasm of posterior fossa simulating cerebral vascular disease; report of 5 cases with reference to role of medulla in production of arterial hypertension, *468
- hemorrhage, petechial, experimentally produced in rats by concussion, *1
- hemorrhage; traumatic intracerebral hemorrhage, with reference to its pathogenesis and its relation to "delayed traumatic apoplexy," 863
- histologic evidence of damage to brain in monkeys treated with metrazol and insulin, *403
- human pyramidal tract; magnitude of large cells of motor area (area 4), *964
- in malignant hypertension, 713
- infarction with unilateral circulatory changes, *321
- Inflammation: See Encephalitis
- Influence of sensory systems on spontaneous activity of cerebral cortex, 540
- Injuries: See also Cranium, injuries; Head, injuries
- injuries; petechial hemorrhages of brain experimentally produced in rats by concussion, *1
- injuries; trauma to brain stem and problem of cerebral concussion, 172
- injuries; traumatic intracerebral hemorrhage, with reference to its pathogenesis and its relation to "delayed traumatic apoplexy," 863
- lipid metabolism in brain and other tissues of rat, 335
- lipid metabolism in brain during myelination, 335
- localization of function; dominance of right occipital lobe, 1026
- localization of function; function of mesencephalic root of fifth cranial nerve, 541
- localization of function; functional relations of primary, secondary and tertiary visual cortical areas, 714
- localization of function; movements elicited from precentral gyrus of adult chimpanzees by stimulation with sine wave currents, 855
- localization of function; representation of sympathetic and parasympathetic nervous systems in forebrain of cat, *105
- localization of function; role of neocortex in regulating postural reactions of opossum, 708
- localization of function; visual hallucinations and their neuro-optical correlates, 182

Brain—Continued

- neuropsychiatric disturbances in Addison's disease and role of impaired carbohydrate metabolism in production of abnormal cerebral function, 881
- ocular movements from occipital lobe in monkey, 336
- pathology; neuroanatomic examination of brain after ligation of carotid artery in case of pulsating exophthalmos, 859
- pathology; relation between degeneration of substantia nigra and parkinsonism, 710
- physiology; analysis of cortical potentials mediated by corpus callosum, 541
- physiology; clinical and electroencephalographic changes in child during recovery from encephalitis, *156
- physiology; clinical correlation of electroencephalogram with carbohydrate metabolism, 890
- physiology; control of normal and "convulsive" brain potentials, 854
- physiology; electroencephalogram of children with focal convulsive seizures, *834
- physiology; electroencephalographic changes associated with hypersensitivity of carotid sinus, 889
- physiology; electroencephalographic classification of epilepsies, *903
- physiology; intercortical connections of corpus callosum as indicated by evoked potentials, 336
- physiology; new electroencephalographic rhythm in epilepsy, 867
- physiology; temperature and brain metabolism, 853
- relation of cortex to basal ganglia in integration of motor activity in infant, 385
- roentgenography; adaptation of Sayre apparatus for use in encephalography, *319
- sugar and oxygen metabolism of brain during and after insulin hypoglycemia, *282
- surgery; operation for relief of epilepsy following certain traumatic and inflammatory lesions of brain, 553
- surgery; partial bilateral frontal lobectomy, 860
- synthesis and deposition of lipids in brain and other tissues with deuterium as indicator, 335
- tumors; cerebral swelling and edema associated with cerebral tumor; histogenetic and histopathologic study, *117
- tumors; diagnosis and treatment of swelling of brain, 1029
- tumors; effect of raised intracranial pressure on cerebral blood flow, 1019
- tumors; experimental production of intracranial tumors in white rat, 1047
- tumors; false localizing signs of cerebral neoplasm, 1025
- tumors; importance of bilateral calorization in diagnosis of, 569
- tumors in aged persons, *235
- tumors; metamorphopsia and other psychovisual disturbances in patient with tumor of brain, *481
- tumors; neoplasm of posterior fossa simulating cerebral vascular disease; report of 5 cases with reference to role of medulla in production of arterial hypertension, *468
- tumors; paralysis of divergence, 183
- tumors; plexiform neurofibromatosis (Recklinghausen's disease) of orbit and globe, with associated glioma of optic nerve and brain, 180
- tumors; raised intracranial pressure; hydrocephalic and vascular factors, 1018
- tumors; seeping intracranial aneurysm simulating neoplasm; syndrome of corpus callosum, *86
- tumors; significance of nature and position in development of cerebral edema, 341
- tumors; tumors of medulla oblongata, pons and mesencephalon, 184

- Brenner, C.: Histologic evidence of damage to brain in monkeys treated with metrazol and insulin, *403
- Brill, A. A.: Etiologic relationship of trauma to schizophrenia, 893
- Bromide and Bromine, bromide intoxication, 1025
- chemistry of anticonvulsant drugs, *508
- Brunner, H.: Importance of bilateral calorization in diagnosis of tumors of brain, 569
- Bucy, P.: Paralysis of conjugate lateral movement of eyes in association with cerebellar abscess, 568
- Bulgarian Treatment: See Encephalitis; Parkinsonism
- Burns, encephalopathy due to; report of case, *980
- Byers, R. K.: Evolution of hemiplegias in infants, 289
- Calcification:** See under Cerebellum
- Calcium and Calcium Compounds, in Cerebrospinal Fluid: See under Cerebrospinal Fluid
- relation of calcium and potassium to certain aspects of neuromuscular function, 358
- Caloric Test: See Ear, internal
- Camp, C. D.: American family with Pellizaeus-Merzbacher disease, *261
- Campbell, C. M.: National emergency and psychiatry; civilian and military demands, 897
- Cancer: See under names of organs and regions, as Brain; etc.
- Cantarow, A.: Effect of vitamin E on muscular dystrophies, 364
- Capillaries, capillary bed of central nervous system of Dermophis (Amphibia, Gymnophiona), 865
- Carbohydrates: See also Blood sugar; Dextrose; Glycogen; Sugars; etc.
- cerebral carbohydrate metabolism during deficiency of various members of vitamin B complex, 705
- clinical correlation of electroencephalogram with carbohydrate metabolism, 890
- metabolism, relation of anterior pituitary gland to, 349
- metabolism, study of alcohol and its relationship to, 197
- neuropsychiatric disturbances in Addison's disease and role of impaired carbohydrate metabolism in production of abnormal cerebral function, 881
- Carbon Dioxide, chemistry of anticonvulsant drugs, *508
- Cardiazol: See Dementia Praecox; Metrazol
- Cardiovascular Diseases: See Heart
- Cardiovascular System: See Arteries; Heart; etc.
- Carlson, H. B.: Representation of sympathetic and parasympathetic nervous system in forebrain of cat, *105
- Carmine: See Stains and Staining
- Carney, H. M.: Infarction of brain with unilateral circulatory changes, *321
- Carotid Sinus, electroencephalographic changes associated with hypersensitivity of, 889
- hyperactive reflex, 1027
- syndrome (cerebral type), 716
- Casamajor, L.: Electroencephalogram of children with focal convulsive seizures, *834
- Castration: See Gonads, excision
- Cataract, studies in dystrophia myotonica, 355
- Catatonia: See Dementia Praecox; Mental Diseases
- Cauda Equina: See Spinal Cord
- Caudate Nucleus: See Corpus Striatum
- Cells: See Neuroglia; Neurons; Tissue; etc.
- Alzheimer: See Neuroglia
- Cephalalgia: See Headache

- Cerebellum, abscess; paralysis of conjugate lateral movement of eyes in association with cerebellar abscess, 568
abscesses of otitic origin in 9 children, 392
astrocytosis arachnoideae cerebelli; rare manifestation of von Recklinghausen's neurofibromatosis, *520
atrophy associated with état marbré of basal ganglia, 858
atrophy; chronic progressive degeneration of superior cerebellar cortex (parenchymatous cortical cerebellar atrophy), 857
calcification of small vessels of, 340
cerebellar subdural hematoma in infant 2 weeks old with secondary hydrocephalus, 1028
hereditary ataxia in identical twins affecting cerebellum and certain of its physiologically related structures; clinicopathologic study, 1044
Localization of Function: See Brain, localization of function
Cerebrospinal Fluid: See also Meninges, permeability
ascorbic acid in, 176
calcium and phosphorus in diabetes insipidus, 706
chlorides in, 869
follow-up study of nonlucetic psychotic patients with abnormalities in, 868
in anterior poliomyelitis, 175
in differential diagnosis of cerebral arteriosclerosis, 176
nonprotein nitrogen content of, 177
passing of vitamin C into spinal fluid in cases of injury to hematoencephalic barrier, 176
proteins, effects of insulin and metrazol therapy on, *289
proteins: recurrent polyradiculoneuritis (Guillain-Barré variety) with pseudotabetic symptoms, 1033
Cerebrum: See Brain
Cervitamic Acid: See Vitamins, C
Chang, Y. C.: Polioencephalitis haemorrhagica of Wernicke associated with febrile disease; report of 2 cases, 1 occurring during typhoid fever and verified by autopsy, *658
Chankin, E. D.: Histaminase and epilepsy, 187
Charcot-Marie-Tooth Disease: See Sclerosis, amyotrophic lateral
Chemotherapy: See under Dementia Paralytica
Chiasm, Optic: See Optic Chiasm
Children, endocrine abnormalities in childhood, 731
psychiatric complications of hypoglycemia in, 1024
Chlorides in Cerebrospinal Fluid: See Cerebrospinal Fluid
Choked Disk: See Neuritis, optic
Cholesterol Esterase: See Enzymes
Choline Esterase in brain and spinal cord of sheep embryos, 708
Chorda Dorsalis, intracranial chordoma, *984
Chordoma, intracranial, *984
surgical management of sacrococcygeal and vertebral chordoma, 1035
Chorea, extrapyramidal motor system: case of hemichorea associated with focal lesion of striatum, 545
juvenile Huntington's, *151
Sydenham's; clinicoanatomic study of case, 543
Choriomeningitis: See Meningitis
Choroid Plexus: See also Cerebrospinal Fluid
tumors in infancy and childhood, 714
Christian-Schüller Syndrome: See Schüller-Christian Syndrome
Cicatrix, corticomeningeal scars in traumatic epilepsy; localization by pneumographic examination of subdural space, *666
Citrates, relation of thiamine to citric acid metabolism, 706
Climacteric: See under Mental Diseases
Coccidioides, giant cells in some forms of acute meningitis, including coccidioid types, 372
Cochlea: See Ear, internal
Cold: See Refrigeration
Communicable Diseases: See Meningitis; Syphilis; etc.
Concussion: See Brain, injuries
Conel, J. L.: Development of human cerebral cortex during first month of life, 387
Congress: See Societies
Constable, K.: Electroencephalogram of children with focal convulsive seizures, *834
Convulsions: See also Epilepsy
changes in retinal arteries before convulsions induced by electric shock, *848
chemistry of anticonvulsant drugs, *505
convulsive phenomena produced by new method of remote excitation, *617
convulsive seizures in delirium tremens, *486
peripheral neuropathy and toxic psychosis with convulsions due to sulfamethylthiazole, 866
Corbin, K. B.: Elicitation of "pseudomotor contraction" in tongue by intramedullary stimulation, *271
Corpus Callosum, agenesis associated with porencephaly, 856
analysis of cortical potentials mediated by, 541
effects of anterior callosal glioblastoma multiforme on entire brain, 339
higher visual functions in each homonymous field following complete section of, *788
intercortical connections of corpus callosum as indicated by evoked potentials, 336
sleeping intracranial aneurysm simulating neoplasm; syndrome of corpus callosum, *86
Corpus Geniculatum, electrical activity of lateral geniculate of cats following optic nerve stimuli, 707
connections of medial geniculate body in cat, *138
Corpus Luysi: See Hypothalamus
Restiforme: See under Medulla Oblongata
Corpus Striatum: See also Lenticular Nucleus
extrapyramidal motor system: case of hemichorea associated with focal lesions of striatum, 545
Corticospinal Tract: See Pyramidal Tract
Craig, W. McK.: Tumors of brain in aged persons, *235
Cranium: See also Frontal Bone; Head; Occipital Bone
abscess; significance of aphasia as symptom of otogenic extradural abscess, 169
experimental studies on headache; pain-sensitive structures of head and their significance in headache, 855
histologic sequences in meningioma, with consideration of nature of hyperostosis cranii, 338
Injuries: See also Brain, injuries; Head, injuries
injuries: changes in vascular pattern following experimental trauma of brain, 379
intracranial chordoma, *984
pathology; hypothalamus in obesity, Morgagn's syndrome and Günther's syndrome, 544
pressure in: effect of raised intracranial pressure on cerebral blood flow, 1019
pressure in: raised intracranial pressure; hydrocephalic and vascular factors, 1018
Creatine and Creatinine metabolism and hormones, 1017
metabolism and hormones in castrated rats, 1017
Creatinuria: See Urine, creatine
Crime and Criminals: See also Prisons and Prisoners; etc.
criminology and psychoanalysis, 165
Crothers, B.: Mechanism of displacement of ventricular system in children with atrophic lesions, *246
Cushing Syndrome: See under Pituitary Body

- Cutts, K. K.: Clinical and electroencephalographic changes in child during recovery from encephalitis, *156
- Cysticercosis of brain; report of case with operation, *494
- Cysts: See under names of organs and regions, as Brain; etc.
- Daly, C.: Changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878
- Darrow, C. W.: Representation of sympathetic and parasympathetic nervous systems in forebrain of cat, *105
- Davidoff, E.: Amphetamine sulfate-sodium amyloid treatment of schizophrenia, *439
- Davison, C.: Recklinghausen's disease associated with glioblastoma multiforme and ganglioma of central nervous system; report of case, 371
- Dean, J. S.: Hereditary ataxia in identical twins affecting cerebellum and certain of its physiologically related structures; clinicopathologic study, 1044
- Degeneration, hyaline; histopathogenesis of cerebral apoplexy in cases of hypertension, 545
- Deglutition, disorders; dysphagia with disorders of heart and great vessels, 1032
- Delirium: See also Insanity
- tremens, 869
- tremens, convulsive seizures in, *486
- Delusions: See under Dementia Praecox; Insanity, delusional; etc.
- Dementia: See Dementia Paralytica; Dementia Praecox; Insanity; etc.
- Dementia Paralytica accompanied by manic-depressive and schizophrenic psychoses, 859
- acetarsones in, 872
- advances in treatment by combined artificial fever and chemotherapy, 551
- juvenile paresis in 1 twin, 1028
- problem of syphilitic psychosis, 1020
- temperature and brain metabolism, 853
- Dementia Praecox, amphetamine sulfate-sodium amyloid treatment of schizophrenia, *439
- clinical experiences with metrazol shock therapy, 729
- comparative study of recovered and deteriorated schizophrenic patients, 571
- dementia paralytica accompanied by manic-depressive and schizophrenic psychoses, 859
- effects of insulin and metrazol therapy on spinal fluid proteins, *289
- etiologic relationship of trauma to schizophrenia, 893
- hereditary and environmental factors in causation of manic-depressive psychoses and dementia praecox, 860
- insulin and cerebral damage, 343
- insulin treatment of schizophrenia; prognostic observations, 721
- peripheral blood flow in schizophrenia and other abnormal mental states; plethysmographic study, *973
- study of hematoencephalic barrier by bromide method, before and after insulin therapy, 868
- sugar and oxygen metabolism of brain during and after insulin hypoglycemia, *282
- symbolic art in case of schizophrenia, 190
- types and analyses of clinical pictures of recovered schizophrenics, 1020
- DeNote, A. P.: Virilism with symptoms of involvement of adrenal cortex; report of case, 189
- Depression: See Insanity; Mental Diseases; Neuroses and Psychoneuroses
- Dermatitis exfoliativa; diltantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769
- Dermatomyositis; fatal chronic dermatomyositis with scleroderma, 549
- Deuterium, synthesis and deposition of lipids in brain and other tissues with deuterium as indicator, 335
- Devic's Disease: See Neuritis, optic
- Dextrose: See also Blood sugar; Carbohydrates; etc.
- chemistry of anticonvulsant drugs, *508
- Diabetes Insipidus: See also Schüller-Christian Syndrome
- calcium and phosphorus in spinal fluid in, 706
- Diabetes Mellitus: See also Blood sugar and hypophyseal-thalamencephalic system, 350
- insulin lipodystrophy in diabetic children, 550
- psychiatric complications of hypoglycemia in children, 1024
- Diaphragm, tic of (postencephalitic); bilateral phrenicectomy with observations on regeneration of nerves and description of new method of thoracotomy and transthoracic phrenicectomy, 1039
- Diathermy, effects of heating hypothalamus of dogs by, 707
- Diencephalon: See under Brain
- Dibenzanthracene: See Benzanthrane
- Diltantin Sodium: See Epilepsy; Sodium diphenyl hydantoinate
- Diphtheria, Paralysis Following: See under Paralysis
- Disease, habitus and personality in mental disease associated with organic disease, 861
- Disk, Choked: See Neuritis, optic
- Intervertebral: See under Spine
- Dl-Alpha-Tocopherol: See Vitamins, E
- Dobson, J. P.: Rhythmic myoclonus; clinical report of 6 cases, *145
- Doyle, A. M.: Vitamin therapy of diseases of neuromuscular apparatus, *672
- Dreams, instinct dualism in, 1023
- Drugs, anticonvulsant, chemistry of, *505
- Ductless Glands: See Endocrine Glands
- Dulness as epileptic equivalent, *797
- Dunstone, H. C.: Occupational therapy in state hospital, 197
- Dura Mater: See Meninges
- Dwarfism, endocrine, 349
- Dysphagia: See Deglutition, disorders
- Dyspituitarism: See Pituitary Body
- Dystonia, hereditary combination of congenital deformity of nose and of myoclonic torsion dystonia, 357
- Dystrophy, Muscular: See also Myotonia
- muscular, effect of vitamin E on, 364
- muscular; studies in dystrophia myotonica, 355
- muscular; vitamin therapy of diseases of neuromuscular apparatus, *672
- Ear, Diseases: See Otitis Media
- Internal; importance of bilateral calorization in diagnosis of tumors of brain, 569
- Internal; rhythmic stimulation of labyrinth, 193
- Ecker, A. D.: Arsenic as possible cause of subacute encephalomyelitis; correlation of chemical, clinical and histologic observations, *24, 373
- Ecology: See Environment
- Edema: See under names of organs and regions, as Brain, edema; etc.
- Eisenstein, V. W.: Clinical trial of beta erythroidine hydrochloride in hypertonic and in hyperkinetic states, *649
- Porencephalic cyst; report of case with arteriographic studies, *1009
- Electricity, parkinsonian syndrome resulting from electrical injury; 2 cases, 356
- Electrocardiogram: See under Heart
- Electrocution: See under Electricity
- Electroencephalogram: See Brain, physiology

- Emotions, effect of repression on somatic expression of, 546
 is hypothalamus seat of emotion? 896
Encephalitis: See also **Encephalomyelitis**;
Meningoencephalitis
 chronic; comparison of belladonna and other forms of medication in treatment, 552
 clinical and electroencephalographic changes in child during recovery from encephalitis, *156
 combined alkaloidal treatment of chronic encephalitic parkinsonism, 717
 hemorrhagic; Wernicke syndrome, 560
 herpes zoster encephalitis; report of case, 724
 in course of whooping cough, 171
 periaxialis diffusa; American family with Pellaeus-Merzbacher disease, *261
 periaxialis diffusa; histopathologic uniformity of demyelinating diseases of central nervous system, 709
 polioencephalitis haemorrhagica of Wernicke associated with febrile disease; report of 2 cases, 1 occurring during typhoid fever and verified by autopsy, *658
 primary hemorrhagic encephalitis with peculiar localization; 2 cases, 710
 primary, in goats due to bacterial (*Listeria*) infection, 373
 relation between degeneration of substantia nigra and parkinsonism, 710
 tic of diaphragm (postencephalitic); bilateral phenicectomy, with observations on regeneration of nerves and description of new method of thoracotomy and transthoracic phenicectomy, 1039
Encephalography: See **Brain**, roentgenography
Encephalomyelitis, abnormalities of blood associated with "encephalomyelitis" and multiple sclerosis, 725
 birds and mosquitoes as hosts for virus of eastern equine encephalomyelitis, 713
 equine, 377
 infectious equine, in United States in 1939, 346
 subacute, arsenic as possible cause; correlation of chemical, clinical and histologic observations, *24, 373
 toxoplasmic, 169
 toxoplasmic, experimental transmission, 170
Encephalopathy: See under **Brain**
Encephalorrhagia: See **Brain**, hemorrhage
Endocrine Glands: See also **Hormones**; and under names of glands
 endocrine abnormalities in childhood, 731
 subclinical endocrinopathy as factor in autarcsiologic susceptibility to poliomyelitis, 549
Endocrine Therapy: See under names of glands and hormones, as **Insulin**; **Pituitary Preparations**
Engel, G. L.: Clinical correlation of electroencephalogram with carbohydrate metabolism, 890
 Electroencephalographic changes associated with hypersensitivity of carotid sinus, 889
 Neuropsychiatric disturbances in Addison's disease and role of impaired carbohydrate metabolism in production of abnormal cerebral function, 881
Enuresis: See **Urination**, incontinence
Environment, hereditary and environmental factors in causation of manic-depressive psychoses and dementia praecox, 860
Enzymes, cholesterol esterase in liver and brain, 1018
Epanutin: See under **Epilepsy**
Ependymitis, primary diffuse, 866
Epilepsy: See also **Convulsions**; **Sclerosis**, tuberculous
 and histaminase, 187
 asymptomatic vertebral fractures in; comparison with vertebral fractures due to metrazol-induced convulsions, 381
Epilepsy—Continued
 chemistry of anticonvulsant drugs, *505
 comparative study of effectiveness of dilantin sodium and phenobarbital in group of epileptics, 870
 congenital stenosis of jugular foramen; report of case, 1043
 control of normal and "convulsive" brain potentials, 854
 deterioration in, 1049
 dilantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769
 dulness as epileptic equivalent, *797
 electroencephalogram of children with focal convulsive seizures, *834
 electroencephalographic classification of epilepsies, *903
 phantom formation in case of, 165
 feigned, in wartime, 716
 following certain traumatic and inflammatory lesions of brain; operation for relief, 553
 histamine desensitization of allergic epileptic patients, 186
 idopathic, method of diagnosing, 866
 ingestion of large doses of dilantin sodium, *265
International League Against Epilepsy, meeting, 1016
 myoclonus epilepsy with primary optic atrophy, 357
 new electroencephalographic rhythm in, 867
 pneumoencephalographic treatment, 1037
 psychiatric approach to treatment, 859
 relation of Schüller-Christian syndrome to, 170
 studies on corpus callosum; higher visual functions in each homonymous field following complete section of corpus callosum, *788
 traumatic, corticomeningeal scars in; localization by pneumographic examination of subdural space, *666
 treated with epanutin (dilantin sodium), 352
 use of sodium diphenyl hydantoinate in treatment of convulsive disorders; further experiences, 870
 vitamin C in: dilantin sodium not cause of vitamin C deficiency, 853
Epilepsia: See **Sclerosis**, tuberculous
Equilibrium: See **Cerebellum**; **Ear**, internal; etc.
Eros, G.: Fuchsin stain for cerebral blood vessels, 378
Erythrocytes: See **Anemia**; etc.
Erythroidine Hydrochloride: See **Parkinsonism**
Estrogens: See also **Hormones**, sex; **Pregnancy**, urine in
 altered concept of therapy of involutional melancholia with estrogen and androgen, *752
 endocrine abnormalities in childhood, 731
 involutional melancholia; review with additional cases, *944
État Marbré: See **Corpus Striatum**
Exophthalmos: See also **Schüller-Christian Syndrome**
 neuroanatomic examination of brain after ligation of carotid artery in case of pulsating exophthalmos, 859
 without pulsation, due to arteriovenous aneurysm, 344
Extrapyramidal Tract: See also **Corpus Striatum**; **Lenticular Nucleus**
 extrapyramidal motor system; case of hemichorea associated with focal lesion of striatum, 545
 myographic studies of extrapyramidal hyperkinesias, 357
Extremities: See also **Arms**; **Legs**
 blood supply; peripheral blood flow in schizophrenia and other abnormal mental states; plethysmographic study, *973

Extremities—Continued

Paralysis: See also Paralysis; Poliomyelitis paralysis; electrocardiographic and serum potassium changes in familial periodic paralysis, 178

Eyes: See also Reflex; Vision; and under special structures of eyes, i. e., Retina; etc.

growth regulation of transplanted eye and leg disks in *Drosophila*, 704

Movements: See also Eyes, paralysis; etc.

movements from occipital lobe in monkey, 336

movements; paralysis of divergence, 183

paralysis; bilateral ophthalmoplegia from intracranial extension of tumor of right maxillary sinus, 716

paralysis of conjugate lateral movement of eyes in association with cerebellar abscess, 568

paralysis; paralysis of upward gaze (Parinaud's syndrome) associated with hemihyperalgesia, 340

paralysis; Parinaud's syndrome, 345

plexiform neurofibromatosis (Recklinghausen's disease) of orbit and globe, with associated glioma of optic nerve and brain, 180

Fables, method in psychoanalysis, 862

Face, Paralysis: See Paralysis, facial progressive hemiatrophy, 549

Falstein, E. I.: Juvenile Huntington's chorea, *151

Fantoplasias: See Hallucinations

Faradic Shock: See Mental Diseases

Fat: See also Acid, fatty; Lipoids
Insulin lipodystrophy, in diabetic children, 550

Fay, T.: Congenital stenosis of jugular foramen; report of case, 1043

Further observations on meningorachidian phlebitis, 360

Observations on reflex responses during prolonged periods of human refrigeration, *215

Fazekas, J. F.: Changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878

Feil-Klippel Syndrome: See Spine, abnormalities

Fein, H. D.: Wernicke syndrome, 560

Fellowships, Commonwealth Fund fellowships in penal psychiatry, 1941-1943, 536

opportunities for, 334

Femur, fractures of neck of femur in convulsive therapy, 554

Fender, F. A.: Convulsive phenomena produced by new method of remote excitation, *617

Ferraro, A.: Neuropathologic changes associated with experimental anaphylaxis in monkey, *733

Fever: See also Typhoid; etc.

dilantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769

polioencephalitis haemorrhagica of Wernicke associated with febrile disease; report of 2 cases, 1 occurring during typhoid fever and verified by autopsy, *658

Therapeutic: See under Dementia Paralytica; etc.

Fibroblastoma, meningeal, with hyperostosis about optic foramen, 374

Filum Terminale: See Spinal Cord

Finley, K. H.: Histologic evidence of damage to brain in monkeys treated with metrazol and insulin, *403

Flatau-Schilder's Disease: See Encephalitis periaxialis diffusa

Follutein: See Pregnancy, urine in

Foltz, L. M.: Altered concept of therapy of involutional melancholia with estrogen and androgen, *752

Foramen, Intervertebral: See under Spine
jugular, congenital stenosis; report of case, 1043

Magnum: See Medulla Oblongata
occipital; neurologic significance of platybasia, 567

Optic: See Optic Canal

Forebrain: See under Brain

Foster, Stephen Collins Foster, 383

Fractures: See under Cranium; Femur; Spine; etc.

Freed, H.: Effects of insulin and metrazol therapy on cerebrospinal fluid proteins, *289

Therapy of parkinsonism, 1046

Freud, Oliver Wendell Holmes; precursor of Freud, 884

Friedreich's Disease: See Ataxia

Frontal Bone, osteomyelitis, 556

Fuchsin: See Stains and Staining

Funiculi, Posterior: See Spinal Cord

Gammon, G. D.: Relation of calcium and potassium to certain aspects of neuromuscular function, 358

Ganglion: See also Nervous System; Neurons

Basal: See under Brain
cerebellar atrophy associated with état marbré of basal ganglia, 858

Cranial: See Neurons

sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446

Sympathetic: See Nervous System

Ganglionectomy: See Sympathectomy

Ganglioma, Recklinghausen's disease associated with glioblastoma multiforme and ganglioma of central nervous system; report of case, 371

Gaskill, H. S.: Effect of vitamin E on muscular dystrophies, 364

Gastric Crisis: See Tabes Dorsalis

Gellhorn, E.: Representation of sympathetic and parasympathetic nervous systems in forebrain of cat, *105

Geniculate Body: See Corpus Geniculatum

Genitals: See under names of genitals

Glia: See Neuroglia

Glioblastoma, effects of anterior callosal glioblastoma multiforme on entire brain, 339

Recklinghausen's disease associated with glioblastoma multiforme and ganglioma of central nervous system; report of case, 371

Glioma of optic nerve, 344

plexiform neurofibromatosis (Recklinghausen's disease) of orbit and globe, with associated glioma of optic nerve and brain, 180

Gliosis: See Neuroglia

Globus Pallidus: See Lenticular Nucleus

Glycogen, effect of pituitary adrenocorticotrophic hormone and of various adrenal cortical principles on insulin hypoglycemia and liver glycogen, 539

Goldfarb, W.: Changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878

Goldman, D.: Convulsive seizures in delirium tremens, *486

Gonadotropic Substances: See Hormones, sex; Pituitary Preparations; Pregnancy, urine in

Gonads, excision; creatine-creatinine metabolism and hormones in castrated rats, 1017

Gonda, V. E.: Treatment of mental disorders with electrically induced convulsions, 720

Goodstone, G. L.: Amphetamine sulfate-sodium amyl treatment of schizophrenia, *439

Gower's Syndrome: See Syncope

Granuloma, Coccidioidal: See Coccidioides

Griffiths, J. O.: Anatomic factors influencing neural integration; pathologist looks at mental disease, 362

- Groff, R. A.: Danger of subarachnoid injection of alcohol for relief of pain, *533
- Herniation of nucleus pulposus and hypertrophy of ligamentum flavum; diagnosis, treatment and result, 1041
- Operable lesions of spinal cord; analysis of 60 cases which occurred in past 5 years, 366
- Pathologic changes in ligamentum flavum, 373
- Gudden Commissure: See Optic Chiasm
- Günther Syndrome: See Polycythemia
- Gullain-Barré Syndrome: See Nerves, roots
- Gustafson, W. A.: Neurologic significance of platybasia, 567
- Guttmann, E.: Mescaline hallucinations in artists, *130
- Gynandromorphism: See Hermaphroditism
- Hallucinations:** See also Delirium
mescaline, in artists, *130
visual, and their neuro-optical correlates, 182
- Harrison, F.: Elicitation of "pseudomotor contracture" in tongue by intramedullary stimulation, *271
- Harvey, A. M.: Relation of calcium and potassium to certain aspects of neuromuscular function, 358
- Hasslin, G. B.: Giant cells in some forms of acute meningitis, including coecidoid types, 372
- Plek's disease: clinicopathologic study and report of case, *814
- Hastings, D. W.: Paranoid reaction with manifest homosexuality, 379
- Head: See also Cranium
- Injuries: See also Brain, injuries; Cranium, injuries
injuries: delayed traumatic intracerebral hemorrhage, 170
- Headache: See also Migraine
as early symptom of nervous and mental disorder, 862
experimental studies on; contrast of histamine headache with headache of migraine and that associated with hypertension; contrast of vascular mechanisms in pre-headache and in headache phenomena of migraine, *199
experimental studies on; pain-sensitive structures of head and their significance in headache, 855
intracranial causes of, 345
- Heart, dysphagia with disorders of heart and great vessels, 1032
effect of alkalosis on chemical composition of brain, skeletal muscle, liver and heart, 539
electrocardiographic and serum potassium changes in familial periodic paralysis, 178
electroencephalogram, 1018
value of electrocardiogram in metrazol therapy, 887
- Heat, effects of heating hypothalamus of dogs by diathermy, 707
- Heavy Water: See Deuterium
- Heidenhain-Philipeaux-Vulpian Phenomenon: See under Tongue
- Helme-Medin's Disease: See Poliomyelitis
- Helfand, M.: Changes in vascular pattern following experimental trauma of brain, 379
- Hematoencephalic Barrier: See Meninges, permeability
- Hematoma, Subdural: See Meninges, hemorrhage
- Hemiatrophy: See under Face
- Hemichorea: See Chorea
- Hemiplegia: See also Extremities, paralysis; Paralysis
Diphtheritic: See under Paralysis
evolution in infants, 389
postpartum retinal arterial obstruction associated with hemiplegia, 715
- Hemolysis, verification of value of Laignel-Lavastine and Koresios hemolytic serum in treatment of multiple sclerosis, 708
- Hemorrhage: See Brain, hemorrhage
- Subarachnoid: See Meninges, hemorrhage
- Heredo-Ataxia: See under Ataxia
- Hermaphroditism, progressive facial hemiatrophy and gynandromorphism, 549
- Herpes zoster and spinal diseases, 347
zoster encephalitis; report of case, 724
- Himwich, H. E.: Changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878
- Histaminase and epilepsy, 187
- Histamine desensitization of allergic epileptic patients, 186
experimental studies on headache; contrast of histamine headache with headache of migraine and that associated with hypertension; contrast of vascular mechanisms in pre-headache and in headache phenomena of migraine, *199
- Hocro, E. F.: Involutional melancholia; review with additional cases, *944
- Hodgkin's Disease: See Lymphogranuloma
- Holmes, Oliver Wendell; precursor of Freud, 884
- Homicide: See Crime and Criminals
- Homosexuality: See Sex, perversion
- Hormones: See also Androgens; Estrogens; Insulin; Pituitary Preparations; Pregnancy, urine in; etc.
male homosexual; hormonal and clinical studies, 572
sex, and creatine-creatinine metabolism, 1017
sex, and creatine-creatinine metabolism in castrated rats, 1017
- Hospitals, application of Rorschach test to practice in mental disease hospitals, 383
Nichols Memorial Cottage of New York Hospital, 703
occupational therapy in state hospital, 197
- Howe, H. A.: Experimental studies on poliomyelitis, 193
- Hunt's Syndrome: See Herpes zoster
- Hydantoin, chemistry of anticonvulsant drugs, *508
- Hydrocephalus, cerebellar subdural hematoma in infant 2 weeks old with secondary hydrocephalus, 1028
raised intracranial pressure; hydrocephalic and vascular factors, 1018
- Hyndman, O. R.: Pilocarpine sweating tests; valid indicator in differentiation of preganglionic and postganglionic sympathectomy, *992
Sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446
- Hyperalgesia: See Hyperesthesia
- Hyperesthesia, paralysis of upward gaze (Parinaud's syndrome) associated with hemihyperalgesia, 340
- Hyperinsulinism: See under Insulin
- Hyperkinesia, clinical trial of beta erythroidine hydrochloride in hypertonic and in hyperkinetic states, *649
extrapyramidal, myographic studies of, 357
- Hyperostosis: See Cranium
- Hyperpyrexia: See Fever
- Hypertension: See Blood pressure, high
- Hyperthermia: See under Fever
- Hypertrophy: See Acromegaly; and under names of organs and regions
- Hypoglycemia: See Blood sugar; Insulin
- Hypomania: See Mental Diseases
- Hypophysis: See Pituitary Body
- Hypopituitarism: See Pituitary Body
- Hypothalamus: See also Pituitary Body
diabetes mellitus and hypophyseal-thalamic system, 350
effects of heating hypothalamus of dogs by diathermy, 707
hypothalamic lesions and pneumonia in cats, 540
in obesity, 544
is hypothalamus seat of emotion? 896

- Hypothalamus**—Continued
 progression movements elicited by subthalamic stimulation, 546
 representation of sympathetic and parasympathetic nervous system in forebrain of cat, *105
- Hypovitaminoses**: See Vitamins
- Hysteria**: See also Neuroses and Psychoneuroses
 differential diagnosis of hysterical tremor, *517
- Infantile Paralysis**: See Poliomyelitis
- Infantism, Pituitary**: See under Pituitary Body
- Infants, newborn**: development of human cerebral cortex during first month of life, 387
- Influenza**, influenzal meningitis treated with sulfapyridine, 869
- Infundibulum**: See Hypothalamus
- Injuries**: See under Brain; Cranium; Head; Spine; etc.
- Insanity**: See also Dementia Praecox; Mental Diseases
 Alcoholism: See Alcoholism
 delusional; paranoid syndrome, *953
 dementia paralytica accompanied by manic-depressive and schizophrenic psychoses, 859
 hereditary and environmental factors in causation of manic-depressive psychoses and dementia praecox, 860
 paranoid reaction with manifest homosexuality, 379
- Instinct dualism in dreams**, 1023
- Instruments**: See Apparatus
- Insulin**: See also Diabetes Mellitus; Pancreas
 ambulatory insulin treatment of mental disorders, 551
 and cerebral damage, 343
 casuistic contribution to treatment of tabetic crises; insulin in control of lancinating pains, 354
 changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878
 effect of pituitary adrenocorticotrophic hormone and of various adrenal cortical principles on insulin hypoglycemia and liver glycogen, 539
 effects of insulin and metrazol therapy on spinal fluid proteins, *289
 histologic evidence of damage to brain in monkeys treated with metrazol and insulin, *403
 lipodystrophy in diabetic children, 550
 study of hematoencephalic barrier by bromide method, before and after insulin therapy, 868
 sugar and oxygen metabolism of brain during and after insulin hypoglycemia, *282
 treatment of schizophrenia; prognostic observations, 721
- Intelligence, intellectual psychotherapy**, 564
- Tests**: See Mental Tests
- Internal Secretions**: See Endocrine Glands
- Intervertebral Disks**: See under Spine
- Intoxication**: See Alcoholism; Insulin
- Iodized Poppyseed Oil**: See Spinal Canal Roentgenography
- "Jake" Paralysis**: See Neuritis, peripheral
- Jasper, H.**: Electroencephalographic classification of epilepsies, *903
- Jervis, G. A.**: Neuropathologic changes associated with experimental anaphylaxis in monkey, *733
- Jessico, C. M.**: Immediate and late effects of intrathecal injection of iodized poppyseed oil, 570
- Jezer, A.**: Value of electrocardiogram in metrazol therapy, 887
- Jolliffe, N.**: Wernicke syndrome, 560
- Jurisprudence, Medical**: See Alcoholism; Crime and Criminals; etc.
- Kane, L. J.**: Dilantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769
- Kant, O.**: Comparative study of recovered and deteriorated schizophrenic patients, 571
- Kanzer, M. G.**: Metamorphopsia and other psychovisual disturbances in patient with tumor of brain, *481
- Katzstein, K. H.**: Peripheral blood flow in schizophrenia and other abnormal mental states; plethysmographic study, *973
- Kennard, M. A.**: Relation of cortex to basal ganglia in integration of motor activity in infant, 385
- Kernohan, J. W.**: Arsenic as possible cause of subacute encephalomyelitis; correlation of chemical, clinical and histologic observations, *24, 373
 Tumors of brain in aged persons, *235
- Kershman, J.**: Electroencephalographic classification of epilepsies, *903
- King, L. S.**: Primary encephalitis in goats due to bacterial (*Listeria*) infection, 373
- Kingsley, G. R.**: Effects of insulin and metrazol therapy on cerebrospinal fluid proteins, *289
- Klippel-Fell Syndrome**: See Spine, abnormalities
- Konzelmann, F.**: Further observations on meningorachidian phlebitis, 360
- Kopeloff, L.**: Neuropathologic changes associated with experimental anaphylaxis in monkey, *733
- Kopeloff, N.**: Neuropathologic changes associated with experimental anaphylaxis in monkey, *733
- Kussmaul-Maier's Disease**: See Periarthritis nodosa
- Labyrinth**: See Ear, internal
- Larynx**, rhythmic and synchronous myoclonias of pharynx and larynx, 555
- Lassek, A. M.**: Human pyramidal tract; magnitude of large cells of motor area (area 4), *964
- Leber's Disease**: See Nerves, optic
- Legs**: See also Extremities
 growth regulation of transplanted eye and leg disks in *Drosophila*, 704
- Lenticular Nucleus**, histologic changes in hepatolenticular degeneration; origin of Alzheimer glia cell, 710
- Leptomeningitis**: See Meningitis
- Leukocytes** effect of anterior pituitary-like sex hormone (folitelin) on blood picture in man, 349
- Leukodystrophy**: See Encephalitis periaxialis diffusa
- Levinson, S. A.**: Intracranial chordoma, *984
- Levitin, D.**: Pick's disease; clinicopathologic study and report of case, *814
- Lewis, M.**: Convulsive seizures in delirium tremens, *486
- Lewy, F. H.**: Danger of subarachnoid injection of alcohol for relief of pain, *533
- Pathologic changes in ligamentum flavum**, 373
- Libido**: See Psychoanalysis
- Ligaments**, herniation of nucleus pulposus and hypertrophy of ligamentum flavum; diagnosis, treatment and result, 1041
 pathologic changes in ligamentum flavum, 373
- Lindsley, D. B.**: Clinical and electroencephalographic changes in child during recovery from encephalitis, *156
- Ling, C. C.**: Polioencephalitis haemorrhagica of Wernicke associated with febrile disease; report of 2 cases, 1 occurring during typhoid fever and verified by autopsy, *658
- Lipids**: See Lipoids
- Lipodystrophy**: See Fat
- Lipoids**, deposition of lipids in various parts of central nervous system of developing rat, 1018
- lipid metabolism in brain and other tissues of rat**, 335

- Lipoids—Continued**
 lipid metabolism in brain during myelination, 335
 study of synthesis and deposition of lipids in brain and other tissues with deuterium as indicator, 335
- Lipoma, Intracranial spinal lipomas, 1030**
- Lissauer's Paralysis: See Dementia Paralytica**
- List, C. F.: Neurologic syndromes accompanying developmental anomalies of occipital bone, atlas and axis, *577**
- Listerella: See Bacteria, Listerella**
- Liver, cholesterol esterase in liver and brain, 1018**
 cirrhosis; relation between multiple peripheral neuropathy and cirrhosis of liver, 1032
 diltantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769
 effect of alkalosis on chemical composition of brain, skeletal muscle, liver and heart, 539
 Glycogen: See Glycogen
- Lobectomy: See Brain, surgery**
- Locomotion: See also Movements**
 progression movements elicited by subthalamic stimulation, 540
- Löwenberg, K.: American family with Pelizaeus-Merzbacher disease, *261**
 Role of trauma in amyotrophic lateral sclerosis, *296
- Loman, J.: Sugar and oxygen metabolism of brain during and after insulin hypoglycemia, *282**
- Longitudinal Sinus, removal of longitudinal sinus involved in tumors, 1034**
- Louping Ill: See Encephalomyelitis**
- Low, A. A.: Combined use of picrotoxin and metrazol for patients with mental disease, 720**
- Ludlum, S. DeW.: Chemical factors influencing acute psychoses, 363**
- Lumbago: See Backache**
- Lungs: See also Respiration; Respiratory Tract**
- Lymphocytes in Meningitis: See Meningitis**
- Lymphogranuloma, lymphogranulomatosis (Hodgkin's disease) of nervous system, *304**
- MacDougall, E.: Combined use of picrotoxin and metrazol for patients with mental disease, 720**
- McGowan, L. E.: Changes in brain in alcoholism, *56**
- MacLay, W. S.: Mescaline hallucinations in artists, *130**
- McMenemey, W. H.: Presenile disease of central nervous system; report of unusual case, *683**
- Macrocephalosomia: See under Adolescence**
- Magnesium and Magnesium Compounds, chemistry of anticonvulsant drugs, *508**
- Maier-Kussmaul's Disease: See Periarthritis nodosa**
- Mallingerling, feigned epilepsy in wartime, 716**
- Malnutrition: See Dystrophy; Vitamins; etc.**
- Mandelbaum, H.: Diltantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769**
- Mania: See Insanity**
- Marcovich, A. W.: Immediate and late effects of Intrathecal injection of iodized poppy-seed oil, 570**
- Margolin, S. G.: Clinical correlation of electroencephalogram with carbohydrate metabolism, 890**
 Electroencephalographic changes associated with hypersensitivity of carotid sinus, 889
 Neuropsychiatric disturbances in Addison's disease and role of impaired carbohydrate metabolism in production of abnormal cerebral function, 881
- Marie's Disease: See under Ataxia**
- Masland, R. L.: Relation of calcium and potassium to certain aspects of neuromuscular function, 358**
- Masochism: See Sex, perversion**
- Masserman, J. H.: Is hypothalamus seat of emotion? 896**
- Mastoiditis: See also Otitis Media**
 cerebellar abscesses of otitic origin in 9 children, 392
- Maxillary Sinus: See Antrum**
- Medicine, military; etiologic relationship of trauma to schizophrenia, 893**
 military; feigned epilepsy in wartime, 716
 military; Military Mobilization Committee of American Psychiatric Association, 1016
 military; national emergency and psychiatry; civilian and military demands, 897
- Medulla Oblongata, elicitation of "pseudomotor contracture" in tongue by intramedullary stimulation (Philippeaux-Vulpien-Heidenhain phenomenon), *271**
 neoplasm of posterior fossa simulating cerebral vascular disease; report of 5 cases with reference to role of medulla in production of arterial hypertension, *468
 tumors of medulla oblongata, pons and mesencephalon, 184
 unilateral reversal of anteroposterior axis of medulla in Amblystoma, 704
- Melancholia, Involuntal: See under Mental Diseases**
- Memory defects during metrazol therapy, *223**
 loss of ideas, 863
- Meninges: See also Arachnoid; Dura Mater**
 angioblastic group of meningiomas; study of 13 verified cases, 542
 corticomeningeal scars in traumatic epilepsy; localization by pneumographic examination of subdural space, *666
 Hemorrhage: See also Brain, hemorrhage
 hemorrhage; cerebellar subdural hematoma in infant 2 weeks old with secondary hydrocephalus, 1028
 hemorrhage; traumatic extradural hemorrhage, 341
 histologic sequences in meningioma, with consideration of nature of hyperostosis cranii, 338
 interesting reflex response associated with parasagittal meningioma; report of case, 1038
 meningeal fibroblastoma with hyperostosis about optic foramen, 374
 meningioma, 340
 permeability; passing of vitamin C into spinal fluid in cases of injury to hematoencephalic barrier, 176
 permeability; study of hematoencephalic barrier by bromide method, before and after insulin therapy, 868
 removal of longitudinal sinus involved in tumors, 1034
- Meningioma, 340**
 angioblastic group; study of 13 verified cases, 542
 histologic sequences in meningioma, with consideration of nature of hyperostosis cranii, 338
 interesting reflex response associated with parasagittal meningioma; report of case, 1038
- Meningitis: See also Arachnoid, inflammation; Meningoencephalomyelitis**
 acute lymphocytic choriomeningitis; report of 3 cases with histopathologic findings, 338
 chronic meningococcal septicemia associated with outbreak of cerebrospinal fever, 342
 epidemic, sulfapyridine in treatment, 354
 giant cells in some forms of acute meningitis, including coccidioid types, 372
 Hemorrhagic: See Meninges, hemorrhage
 influenzal, treated with sulfapyridine, 869
 meningococcal, treatment with sulfanilamide compounds, 353

- Meningococci: See also under Meningitis
chronic meningococcal septicemia associated with outbreak of cerebrospinal fever, 342
- Meningoencephalitis: See Encephalitis; Meningitis
- Meningoencephalomyelitis, rickettsial; histopathologic study of case of Rocky Mountain spotted fever, 195
- Menopause, altered concept of therapy of involuntional melancholia with estrogen and androgen, *752
- Mental Diseases: See also Children; Dementia Paralytica; Dementia Praecox; Insanity; Mental Hygiene; Neuroses and Psychoneuroses; Psychiatry; etc.
altered concept of therapy of involuntional melancholia with estrogen and androgen, *752
ambulatory insulin treatment of mental disorders, 551
amyotrophic lateral sclerosis with psychosis, 858
anatomic factors influencing neural integration; pathologist looks at mental disease, 362
chemical factors influencing acute psychoses, 363
clinical experience in electrically induced convulsions, 353
clinical experiences with metrazol shock therapy, 729
combined use of picrotoxin and metrazol for patients with mental disease, 720
convulsion therapy of psychoses, 554
death from complications of metrazol treatment, 856
follow-up study of nonlucetic psychotic patients with abnormalities in spinal fluid, 868
fractures of neck of femur in convulsive therapy, 554
habitus and personality in mental disease associated with organic disease, 861
headache as early symptom of nervous and mental disorder, 862
involuntional melancholia; review with additional cases, *944
memory defects during metrazol therapy, *223
Nichols Memorial Cottage of New York Hospital, 703
peripheral blood flow in schizophrenia and other abnormal mental states; plethysmographic study, *973
psychoses with myxedema, 860
testosterone propionate and male climacteric, 352
treatment with electrically induced convulsions, 720
treatment with male sex hormone [androgen], 352
use of electrical convulsions in psychiatric practice, 717
- Mental Hygiene, civilian mental health, 536
national emergency and psychiatry; civilian and military demands, 897
- Mental Tests: See also Personality
application of Rorschach test to practice in mental disease hospitals, 383
course of instruction in Rorschach method of personality study in clinical diagnosis, 536
deterioration in epilepsy, 1049
partial bilateral frontal lobectomy, 860
- Merritt, H. H.: Chemistry of anticonvulsant drugs, *505
Dulness as epileptic equivalent, *797
Vitamin therapy of diseases of neuromuscular apparatus, *672
- Merzbacher-Pellizaeus' Disease: See Encephalitis periaxialis diffusa
- Mescaline hallucinations in artists, *130
- Mesencephalon: See under Brain
- Metals, Poisoning: See under names of metals
- Metamorphopsia: See under Vision
- Methylcholanthrene, experimental production of intracranial tumors in white rat, 1047
- Metrazol, asymptomatic vertebral fractures in cases of epilepsy; comparison with vertebral fractures due to metrazol-induced convulsions, 381
death from complications of metrazol treatment, 856
effects of insulin and metrazol therapy on spinal fluid proteins, *289
histologic evidence of damage to brain in monkeys treated with metrazol and insulin, *403
memory defects during metrazol therapy, *223
Therapy: See Alcoholism; Dementia Praecox; Epilepsy; Mental Diseases; Neuroses and Psychoneuroses; etc.
value of electrocardiogram in metrazol therapy, 887
- Meyer, A.: H. Douglas Singer, 162
- Meyer, B. C.: Neoplasm of posterior fossa simulating cerebral vascular disease; report of 5 cases with reference to role of medulla in production of arterial hypertension, *468
- Meynert Commissure: See Optic Chiasm
- Microgila: See Neuroglia
- Micturition: See Urination
- Midbrain: See Brain
- Migraine, evidence of focal vascular disturbance in migraine equivalent, 864
experimental studies on headache; contrast of histamine headache with headache of migraine and that associated with hypertension; contrast of vascular mechanisms in preheadache and in headache phenomena of migraine, *199
relationship to hypertension and to hypertension headaches, 342
treatment with vitamin B₁; résumé of 1 year's experience, 368
- Milch, E. C.: Changes in retinal arteries before convulsions induced by electric shock, *848
- Milhorat, A. T.: Studies in diseases of muscle; effect of quinine and prostigmine methyl sulfate on muscular rigidity in paralysis agitans, *74
- Military Medicine: See Medicine, military
- Miller, C. W., Jr.: Paranoid syndrome, *953
- Minckler, J.: Distribution of nerve terminals (boutons) in human spinal cord; quantitative studies, *44
- Mind: See also under Disease
Intellectual psychotherapy, 564
- Moersch, F. P.: Tumors of brain in aged persons, *235
- Moore, M.: Alcoholism; some contemporary opinions, 899
- Moore, M. T.: Asymptomatic vertebral fractures in cases of epilepsy; comparison with vertebral fractures due to metrazol-induced convulsions, 381
Lymphogranulomatosis (Hodgkin's disease) of nervous system, *304
- Morgagni Syndrome: See Cranium, pathology
- Mosquitoes: See Encephalomyelitis
- Movements: See also Eyes, movements; Locomotion; Muscles
Disorders: See Chorea; Myoclonus; etc.
elicited from precentral gyrus of adult chimpanzees by stimulation with sine wave currents, 855
relation of cortex to basal ganglia in integration of motor activity in infant, 385
study of hematoencephalic barrier by bromide method, before and after insulin therapy, 868
- Murderers: See Crime and Criminals

- Muscles, Atrophy:** See Atrophy, muscular
- cervicobrachial syndrome, 173
- clinical trial of beta erythroidine hydrochloride in hypertonic and in hyperkinetic states, *649
- Dystrophy:** See Dystrophy, muscular
- effect of alkalosis on chemical composition of brain, skeletal muscle, liver and heart, 539
- elicitation of "pseudomotor contracture" in tongue by intramedullary stimulation (Philipeaux-Vulplan-Heidenhain phenomenon), *271
- myographic studies of extrapyramidal hyperkinesias, 357
- neurophysiologic basis of Parkinson tremor, 367
- relation of calcium and potassium to certain aspects of neuromuscular function, 358
- scalenus anticus syndrome with and without cervical rib, 172
- studies in diseases of; effect of quinine and prostigmine methyl sulfate on muscular rigidity in paralysis agitans, *74
- vitamin therapy of diseases of neuromuscular apparatus, *672
- Myasthenia Gravis,** role of potassium in, 180
- sublingual absorption of prostigmine bromide, *1007
- Myatonia congenita;** vitamin therapy of diseases of neuromuscular apparatus, *672
- distribution of affected nerve cells in amyotonia congenita, 339
- relationship between amyotonia congenita and congenital myopathy, 179
- Myelin:** See under Brain; Nerves; Nervous System
- Myelitis:** See also Encephalomyelitis
- necroticans subacuta, 709
- syndrome of neuromyelitis optica (Devic's disease), 346
- Myelography:** See Spinal Canal Roentgenography
- Myelopathy:** See under Spinal Cord
- Myerson, A.:** Effect of amphetamine sulfate and allied drugs on alcohol level of blood, 898
- Male homosexual; hormonal and clinical studies, 572
- Myoclonus epilepsy** with primary optic atrophy, 357
- rhythmic and synchronous myoclonias of pharynx and larynx, 555
- rhythmic; clinical report of 6 cases, *145
- Myography:** See under Muscles
- Myositis:** See Dermatomyositis
- Myotonia Atrophica:** See Dystrophy, muscular
- congenital, in goat, 178
- Dystrophica:** See Dystrophy, muscular
- Myxedema,** psychoses with myxedema, 860
- Nathanson, I. T.:** Endocrine abnormalities in childhood, 731
- Nerves:** See also Neuralgia; Neuritis; Paralysis
- acoustic neuroma producing tic douloureux, 1026
- acoustic tumors, 353
- Cells: See Neurons
- clinical trial of beta erythroidine hydrochloride in hypertonic and in hyperkinetic states, *649
- connections of medial geniculate body in cat, *138
- elicitation of "pseudomotor contracture" in tongue by intramedullary stimulation (Philipeaux-Vulplan-Heidenhain phenomenon), *271
- histologic observations on sensory and motor roots of glossopharyngeal nerve and vagus-spinal accessory complex, 375
- Optic:** See also Neuritis, optic
- optic; damage in luetic patient, 871
- optic; electrical activity of lateral geniculate of cats following optic nerve stimuli, 707
- Nerves—Continued**
- optic, glioma of, 344
- optic; myoclonus epilepsy with primary optic atrophy, 357
- optic; pathologic changes in fundus oculi in tuberous sclerosis, 858
- optic; plexiform neurofibromatosis (Recklinghausen's disease) of orbit and globe, with associated glioma of optic nerve and brain, 180
- optic; rare causes of compression of intracranial portion, 183
- optic; visual hallucinations and their neuro-optical correlates, 182
- pathology and pathogenesis of syphilitic primary optic atrophy, 718
- peripheral, in cases of nutritional deficiency, *772
- phrenic; tie of diaphragm (postencephalitic); bilateral phrenicectomy, with observations on regeneration of nerves and description of new method of thoracotomy and trans-thoracic phrenicectomy, 1039
- relation of calcium and potassium to certain aspects of neuromuscular function, 358
- roots; compression of spinal cord and nerve roots by herniation of nucleus pulposus in cervical region, 556
- roots; distribution of nerve terminals (*boutons*) in human spinal cord; quantitative studies, *44
- roots; recurrent polyradiculoneuritis (Guillain-Barré variety) with pseudotabetic symptoms, 1033
- roots; sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446
- Sciatic:** See Sciatica
- sensory; influence of sensory systems on spontaneous activity of cerebral cortex, 540
- Spinal:** See Nerves, roots
- Trigeminal:** See also Neuralgia, trigeminal
- trigeminal; function of mesencephalic root of fifth cranial nerve, 541
- vitamin therapy of diseases of neuromuscular apparatus, *672
- Nervous System:** See also Brain; Cerebellum; Nerves; Reflex; Spinal Cord; etc.
- buccal neuralgia; form of atypical facial neuralgia of sympathetic origin, 1037
- capillary bed of central nervous system of Dermophis (Amphibia, Gymnophiona), 865
- central nervous system stimulant effects of dextroamphetamine sulfate, 854
- deposition of lipids in various parts of central nervous system of developing rat, 1018
- Diseases:** See also Epilepsy; Mental Diseases; Neuritis; Neuroses and Psychoneuroses; etc.
- diseases; presenile disease of central nervous system; report of unusual case, *683
- effect of repression on somatic expression of emotion, 546
- encephalopathy due to burns; report of case, *980
- fundamental sympathetic plexus and interstitial cells, 705
- histologic changes following vascular spasm in central nervous system, 338
- involvement in sickle cell anemia, 542
- lymphogranulomatosis (Hodgkin's disease) of nervous system, *304
- neurologic syndromes accompanying developmental anomalies of occipital bone, atlas and axis, *577
- neuropathologic changes associated with experimental anaphylaxis in monkey, *733
- neuropsychiatric disturbances in Addison's disease and role of impaired carbohydrate metabolism in production of abnormal cerebral function, 881
- prolonged jugular compression; diagnostic test of neurologic value, *633

Nervous System—Continued

- Recklinghausen's disease associated with glioblastoma multiforme and ganglioneuroma of central nervous system; report of case, 371
 representation of sympathetic and parasympathetic nervous systems in forebrain of cat, *105
 role of cervical sympathetic nerve in light reflex of pupil, 182
 Surgery: See Brain, surgery; Sympathectomy
 Syphilis: See Syphilis
 Tumors: See Ganglioneuroma; Neuroma; Neurofibromatosis; etc.
 Nervousness: See Neuroses and Psychoneuroses
 Neuralgia, atypical facial, 174
 buccal; form of atypical facial neuralgia of sympathetic origin, 1037
 trigeminal; acoustic neuroma producing tic douloureux, 1026
 trigeminal, modified rapid sinusoidal current for, 717
 Neuritis associated with acromegaly, *680
 Multiple: See also Nerves, roots
 multiple; relation between multiple peripheral neuropathy and cirrhosis of liver, 1032
 optic; syndrome of neuromyelitis optica (Devic's disease), 346
 peripheral; achlorhydric hypochromic anemia associated with peripheral neuritis, 175
 peripheral nerves in cases of nutritional deficiency, *772
 peripheral neuropathy and toxic psychosis with convulsions due to sulfamethylthiazole, 866
 retrobulbar, 1033
 Neurofibromatosis, astrocytosis arachnoideae cerebelli; rare manifestation of von Recklinghausen's neurofibromatosis, *520
 plexiform (Recklinghausen's disease) of orbit and globe, with associated glioma of optic nerve and brain, 180
 Recklinghausen's disease associated with glioblastoma multiforme and ganglioneuroma of central nervous system; report of case, 371
 Neuroglia, histologic changes in hepatolenticular degeneration; origin of Alzheimer glia cell, 710
 relationship between secretory cells of pars nervosa of hypophysis and classical neuroglia, 704
 Neuroma, acoustic, producing tic douloureux, 1026
 Neuromyelitis Optica: See Myelitis; Neuritis, optic
 Neurons, development of human cerebral cortex during first month of life, 387
 distribution of affected nerve cells in amyotonia congenita, 339
 experimental study of role in dissemination of poliomyelitis virus in nervous system, 337
 fundamental sympathetic plexus and interstitial cells, 705
 human pyramidal tract; magnitude of large cells of motor area (area 4), *964
 Neuropathy: See under Neuritis
 Neuroses and Psychoneuroses: See also Mental Diseases; Nervous System, diseases; etc.
 conditioning neuroses in dog and cat, 547
 nervous disorder after injury; review of 400 cases, 169
 neuroses among combatant troops in great war, 168
 Neurosurgery: See Brain, surgery; Sympathectomy
 Neurosyphilis: See Syphilis
 Neustadt, R.: Male homosexual; hormonal and clinical studies, 572
 Newborn Infants: See Infants, newborn

- Newman, H. W.: Petechial hemorrhages of brain experimentally produced in rats by concussion, *1
 Nichols, I. C.: Clinical experiences with metrazol shock therapy, 729
 Nissl Granules: See Neurons
 Nitrogen, nonprotein nitrogen content of spinal fluid, 177
 Nose, hereditary combination of congenital deformity of nose and of myoclonic torsion dystonia, 357
 Nucleus Pulposus: See Spine, intervertebral disks
 Nutrition, peripheral nerves in cases of nutritional deficiency, *772
 Nycturia: See Urination, incontinence
 Oberndorf, C. P.: Oliver Wendell Holmes; precursor of Freud, 884
 Obesity: See also under Pituitary Body
 hypothalamus in, 544
 OBITUARIES:
 Archambault, Lasalle, 851
 Head, Sir Henry, 698
 de Martel, Thierry, 330
 Schilder, Paul F., 537
 Singer, H. Douglas, 162
 Obsessions: See under Neuroses and Psychoneuroses
 Occipital Bone, neurologic syndromes accompanying developmental anomalies of occipital bone, atlas and axis, *577
 Occupational Therapy in state hospital, 197
 Odom, G.: Meningeal fibroblastoma with hyperostosis about optic foramen, 374
 Oedipus Complex: See Psychoanalysis
 Old Age, presenile disease of central nervous system; report of unusual case, *683
 tumors of brain in aged persons, *235
 Oldberg, E.: Neurologic significance of platybasia, 567
 Oligodendroglia: See Neuroglia
 Olivary Bodies: See Medulla Oblongata
 Olivecrona, H.: Corticomeningeal scars in traumatic epilepsy; localization by pneumographic examination of subdural space, *666
 Ophthalmoplegia: See Eyes, paralysis
 Oppenheim's Disease: See Myatonia congenita
 Optic Canal, meningeal fibroblastoma with hyperostosis about optic foramen, 374
 Optic Chiasm, pathology and pathogenesis of syphilitic primary optic atrophy, 718
 Optic Disk: See Nerves, optic
 Choked: See Neuritis, optic
 Orbit, plexiform neurofibromatosis (Recklinghausen's disease) of orbit and globe, with associated glioma of optic nerve and brain, 180
 Osmosis and Permeability: See Meninges, permeability; etc.
 Osteomyelitis of frontal bone, 556
 Otitis Media: See also Mastoiditis
 significance of aphasia as symptom of otogenic extradural abscess, 169
 Oximes, chemistry of anticonvulsant drugs, *508
 Oxygen and sugar metabolism of brain during and after insulin hypoglycemia, *282
 changes in cerebral blood and arteriovenous oxygen difference during insulin hypoglycemia, 878
 deficiency; anatomic factors influencing neural integration; pathologist looks at mental disease, 362
 Pain, danger of subarachnoid injection of alcohol for relief of, *533
 experimental studies on headache; pain-sensitive structures of head and their significance in headache, 855
 in amputated stumps, 1034
 Palmer, F. W.: Study of alcohol and its relationship to carbohydrate metabolism, 197

- Palmer, H. D.: Treatment of migraine with vitamin B₁; résumé of 1 year's experience, 368
- Palsy: See Paralysis
- Papilledema: See Neuritis, optic
- Papillitis: See Neuritis, optic
- Parabiosis, histologic changes in pituitaries of parabiotic rats, 548
- Paralysis: See also Extremities, paralysis; Eyes, paralysis; Hemiplegia; Poliomyelitis agitans; studies in diseases of muscle; effect of quinine and prostigmine methyl sulfate on muscular rigidity in paralysis agitans, *74
- Bell's: See Paralysis, facial
- bulbar; vitamin therapy of diseases of neuromuscular apparatus, *672
- facial, management by physical measures, 351
- General: See Dementia Paralytica
- Infantile: See Poliomyelitis
- meningorachidian phlebitis; further observations, 360
- Periodic: See Extremities, paralysis
- postdiphtheritic, 175
- tic of diaphragm (postencephalitic); bilateral phrenicectomy, with observations on regeneration of nerves and description of new method of thoracotomy and transthoracic phrenicectomy, 1039
- Paranoia: See Insanity, delusional
- Paraplegia: See Extremities, paralysis
- Paresis: See Dementia Paralytica
- Parietal Lobe: See Brain
- Parinaud's Syndrome: See Eyes, paralysis
- Parkinsonism: See also Encephalitis; Paralysis, agitans
- clinical trial of beta erythroidine hydrochloride in hypertonic and in hyperkinetic states, *649
- neurophysiologic basis of Parkinson tremor, 367
- parkinsonian syndrome resulting from electrical injury; 2 cases, 356
- therapy of, 1046
- Pellaeus-Merzbacher Disease: See Encephalitis periaxialis diffusa
- Pellagra: See also Vitamins, B
- cerebral carbohydrate metabolism during deficiency of various members of vitamin B complex, 705
- peripheral nerves in cases of nutritional deficiency, *772
- Penfield, W. L.: Meningeal fibroblastoma with hyperostosis about optic foramen, 374
- Pentamethylenetetrazol: See Metrazol
- Periarthritis nodosa and diffuse sclerosis, 544
- Perimetry: See Vision
- Person, M. D.: Therapy of parkinsonism, 1046
- Personality and habitus in mental disease associated with organic disease, 861
- course of instruction in Rorschach method of personality study and clinical diagnosis, 536
- Pertussis: See Whooping Cough
- Pharynx, rhythmic and synchronous myoclonias of pharynx and larynx, 555
- Phenobarbital: See Barbitol and Barbitol Derivatives; Epilepsy
- Phenyl, chemistry of anticonvulsant drugs, *508
- Philippeaux-Vulpian-Heldenhain Phenomenon: See under Tongue
- Phlebitis, meningorachidian; further observations, 360
- Phobias: See Neuroses and Psychoneuroses
- Phosphorus and Phosphorus Compounds, acid-soluble phosphorus compounds and lactic acid in brain, 706
- in Cerebrospinal Fluid: See Cerebrospinal Fluid
- Physical Therapy, management of facial paralysis by physical measures, 351
- Pick's Disease: See Brain, atrophy
- Picrotoxin: See Mental Diseases
- Piker, P.: Convulsive seizures in delirium tremens, *486
- Pilcher, C.: Infarction of brain with unilateral circulatory changes, *321
- Pilocarpine sweating test; valid indicator in differentiation of preganglionic and postganglionic sympathectomy, *992
- Pisk, G.: Prognostic observations on insulin treatment of schizophrenia, 721
- Pituitary Body: See also Hypothalamus
- endocrine dwarfism, 349
- experimental studies of anterior pituitary, 548
- histologic changes in pituitaries of parabiotic rats, 548
- hypothalamus in obesity, 544
- pathogenesis of Cushing's syndrome, 350
- physiologic significance and morphology of carmine cell in cat's anterior pituitary, 549
- relation of anterior pituitary gland to carbohydrate metabolism, 349
- relationship between secretory cells of pars nervosa of hypophysis and classical neuroglia, 704
- Pituitary Preparations, effect of pituitary adrenocorticotrophic hormone and of various adrenal cortical principles on insulin hypoglycemia and liver glycogen, 539
- histologic changes following vascular spasm in central nervous system, 338
- relation of anterior pituitary to bile production, 548
- Platybasia: See Foramen, occipital
- Plethysmography, peripheral blood flow in schizophrenia and other abnormal mental states; plethysmographic study, *973
- Plexus: See Choroid Plexus
- Pneumography: See under Brain
- Pneumonia and hypothalamic lesions in cats, 540
- Poisons and Poisoning: See under names of various substances
- Polioencephalitis: See Encephalitis
- Poliomyelitis: See also Encephalomyelitis
- anterior, spinal fluid in, 175
- experimental studies, 193
- experimental study of role of neurons in dissemination of virus in nervous system, 337
- subclinical endocrinopathy as factor in autarcesiological susceptibility to, 549
- vitamin B₁ in treatment, 871
- Pollak, E.: Presenile disease of central nervous system; report of unusual case, *683
- Polycythemia, hypothalamus in obesity, Morgagni's syndrome and Günther's syndrome, 544
- Polyneuritis: See Neuritis, multiple
- Polyradiculitis: See Nerves, roots
- Polyuria: See Diabetes Insipidus
- Pons Varolii, tumors of medulla oblongata, pons and mesencephalon, 184
- Porencephaly, agenesis of corpus callosum associated with, 856
- porencephalic cyst; report of case with arteriographic studies, *1009
- Postle, B.: Altered concept of therapy of involutional melancholia with estrogen and androgen, *752
- Potassium, relation of calcium and potassium to certain aspects of neuromuscular function, 358
- role in myasthenia gravis, 180
- Pregnancy: See also Puerperium; etc.
- urine in; effect of anterior pituitary-like sex hormone (folliculin) on blood picture in man, 349
- Pringle's Disease: See Sclerosis, tuberosa
- Prisons and Prisoners, Commonwealth Fund fellowships in penal psychiatry, 1941-1943, 536

- Prostigmine, studies in diseases of muscle; effect of quinine and prostigmine methyl sulfate on muscular rigidity in paralysis agitans, *74
sublingual absorption of prostigmine bromide, *1007
Therapy: See Myasthenia Gravis
- Proteins, in Cerebrospinal Fluid: See Cerebrospinal Fluid, proteins
- Pseudobulbar Syndrome: See Paralysis
- Psychiatry: See also Crime and Criminals; Insanity; Mental Diseases; Psychoanalysis; etc.
and national emergency; civilian and military demands, 897
Commonwealth Fund fellowships in penal psychiatry, 1941-1943, 536
general; point of view, 575
opportunities for fellowships, 334
- Psychoanalysis: See also Psychotherapy and criminology, 165
dynamics of dissolution of transference resistance, 1022
extreme submissiveness in women, 861
fantom formation in case of epilepsy, 165
instinct dualism in dreams, 1023
introjection, projection and identification, 1021
libido and reality in masochism, 546
method of fables in, 862
misidentification, 1021
Oliver Wendell Holmes; precursor of Freud, 884
preoedipal phase of libido development, 167
psychoanalytic therapy, 394
Stephen Collins Foster, 383
structure of ego, 1022
- Psychobiology: See under Mind
- Psychology: See Memory; Mental Tests; Personality; etc.
- Psychoneuroses: See Neuroses and Psychoneuroses
- Psychoses: See Insanity; Mental Diseases; Neuroses and Psychoneuroses; etc.
- Psychotherapy: See also Psychoanalysis
intellectual, 564
- Pubertas Praecox: See under Adolescence
- Puberty: See Adolescence
- Puerperium: See also Pregnancy
postpartum retinal arterial obstruction associated with hemiplegia, 715
- Pupillotonia: See Reflex, pupillary
- Putnam, T. J.: Abnormalities of blood associated with "encephalomyelitis" and multiple sclerosis, 725
Chemistry of anticonvulsant drugs, *505
Dulness as epileptic equivalent, *797
- Pyramidal Tract, human; magnitude of large cells of motor area (area 4), *964
- Pyrexia: See Fever
- Quinine**, studies in diseases of muscle; effect of quinine and prostigmine methyl sulfate on muscular rigidity in paralysis agitans, *74
- Radiculoneuritis**: See Nerves, roots
- Rak, I. P.: Male homosexual; hormonal and clinical studies, 572
- Ray, B. S.: Cysticercosis of brain; report of case with operation, *494
- Read, E. H.: Adaptation of Sayre apparatus for use in encephalography, *319
- Recklinghausen's Disease: See Neurofibromatosis
- Recruits, national emergency and psychiatry; civilian and military demands, 897
- Reflex, Carotid Sinus: See Carotid Sinus
conditioning neuroses in dog and cat, 547
interesting reflex response associated with parasagittal meningioma; report of case, 1038
observations on reflex responses during prolonged periods of human refrigeration, *215
- Reflex—Continued
pupillary; role of cervical sympathetic nerve in light reflex of pupil, 182
relation of cortex to basal ganglia in integration of motor activity in infant, 385
role of neocortex in regulating postural reactions of opossum, 708
treatment of alcoholism by establishing conditioned reflex, 550
- Refrigeration, observations on reflex responses during prolonged periods of human refrigeration, *215
- Relfenstein, E. C., Jr.: Amphetamine sulfate-sodium amylal treatment of schizophrenia, *439
- Repression, effect on somatic expression of emotion, 546
- Restiform Body: See under Medulla Oblongata
- Retina, blood supply; changes in retinal arteries before convulsions induced by electric shock, *848
blood supply; postpartum retinal arterial obstruction associated with hemiplegia, 715
experimental retinoblastoma, 376
pathologic changes in fundus oculi in tuberous sclerosis, 858
- Retinoblastoma, experimental, 376
- Riboflavin: See Vitamins, B
- Ribs, cervical, 175
cervicobrachial syndrome, 173
scalenus anticus syndrome with and without cervical rib, 172
vascular complications of cervical ribs and first thoracic rib abnormalities, 865
- Rickettsia, rickettsial meningencephalomyelitis; histopathologic study of case of Rocky Mountain spotted fever, 195
- Riggs, H. E.: Anatomic factors influencing neural integration; pathologist looks at mental disease, 362
- Rigidity, studies in diseases of muscle; effect of quinine and prostigmine methyl sulfate on muscular rigidity in paralysis agitans, *74
- Riley, H. A.: Rhythmic myoclonus; clinical report of 6 cases, *145
- Rinkel, M.: Effect of amphetamine sulfate and allied drugs on alcohol level of blood, 898
- Rocky Mountain Spotted Fever, rickettsial meningencephalomyelitis; histopathologic study of case of Rocky Mountain spotted fever, 195
- Röntgen Rays, Therapy: See under names of organs, regions and diseases
- Rolandic Area: See under Brain
- Rorschach Test: See Mental Tests; Personality
- Roseman, E.: Peripheral nerves in cases of nutritional deficiency, *772
- Rosenbaum, M.: Convulsive seizures in delirium tremens, *486
Ingestion of large doses of dilantin sodium, *265
Peripheral nerves in cases of nutritional deficiency, *772
- Rotation, phenomenon of body rotation in frontal lobe lesions, 1028
- Roth, N.: Encephalopathy due to burns; report of case, *980
- Rothermich, N. O.: Altered concept of therapy of involutional melancholia with estrogen and androgen, *752
- Rubrospinal Tract: See Extrapyramidal Tract
- Sacrocccygeal** Region, surgical management of sacrocccygeal and vertebral chordoma, 1035
- Salzer, H. M.: Sublingual absorption of prostigmine bromide, *1007
- Sayre apparatus, adaptation for use in encephalography, *319
- Schaller, W. F.: Petechial hemorrhages of brain experimentally produced in rats by concussion, *1

- Scheinker, I.: Cerebral swelling and edema associated with cerebral tumor; histogenetic and histopathologic study, *117
- Schilder, P.: Differential diagnosis of hysterical tremor, *517
- Schilder, committee for publication of books by late Dr. Paul Schilder, 703
- Schilder-Flatau's Disease: See Encephalitis periaxialis diffusa
- Schizophrenia: See Dementia Praecox
- Schloven, N.: Peripheral blood flow in schizophrenia and other abnormal mental states; plethysmographic study, *973
- Schreiber, F.: Cerebellar abscesses of otitic origin in 9 children, 392
- Schüller-Christian Syndrome, relation to epilepsy, 170
- Schumacher, G. A.: Experimental studies on headache; contrast of histamine headache with headache of migraine and that associated with hypertension; contrast of vascular mechanisms in preheadache and in headache phenomena of migraine, *199
- Sciatica, clinical aspects of protruded intervertebral disk, 558
- Scleroderma, fatal chronic dermatomyositis with scleroderma, 549
- Sclerosis: See also Arteriosclerosis
- amyotrophic lateral; combined Charcot-Marie-Tooth amyotrophy and Friedreich's disease in several members of family, 347
 - amyotrophic lateral, role of trauma in, *296
 - amyotrophic lateral, treated with synthetic vitamin E, 873
 - amyotrophic lateral, with psychosis, 858
 - diffuse, and periarthritis nodosa, 544
 - diffuse; familial infantile form of diffuse cerebral sclerosis (Krabbe), 172
 - histopathologic uniformity of demyelinating diseases of central nervous system, 709
 - multiple; abnormalities of blood associated with "encephalomyelitis" and multiple sclerosis, 725
 - multiple, pathogenesis of plaques in, 544
 - multiple; verification of value of Laignel-Lavastine and Korossios hemolytic serum in treatment, 708
 - tuberous, pathologic changes in fundus oculi in, 858
 - vitamin therapy of diseases of neuromuscular apparatus, *672
- Scotoma, clinical detection of early changes in visual field, 181
- Scott, M.: Interesting reflex response associated with parasagittal meningioma; report of case, 1038
- Secretions, Internal: See Endocrine Glands
- Selective Service: See Recruits
- Senile Plaque: See Sclerosis
- Senility: See Old Age
- Sensation and Sensations: See Hyperesthesia; Nerves, sensory; Pain; etc.
- Sex, perversion; libido and reality in masochism, 546
- perversion; male homosexual; hormonal and clinical studies, 572
 - perversion; paranoid reaction with manifest homosexuality, 379
- Precocious Development: See under Adolescence
- Shingles: See Herpes zoster
- Simmonds' Disease: See under Pituitary Body
- Sinus, Longitudinal: See Longitudinal Sinus
- Skillern, P. G.: Tic of diaphragm (postencephalitic); bilateral phenicectomy, with observations on regeneration of nerves and description of new method of thoracotomy and transthoracic phenicectomy, 1039
- Skull: See Cranium
- Smith, G. W.: Observations on reflex responses during prolonged periods of human refrigeration, *215
- Smith, J. R.: Electroencephalogram of children with focal convulsive seizures, *834
- Soblsimol: See Syphilis
- Societies, American Board of Psychiatry and Neurology, Inc., certification by, 333, 1015
- Cincinnati Society of Neurology and Psychiatry, meeting, 536
- International League Against Epilepsy, meeting, 1016
- Military Mobilization Committee of American Psychiatric Association, 1016
- SOCIETY TRANSACTIONS:
- American Association of Neuropathologists, 371
 - Boston Society of Psychiatry and Neurology, 385, 571, 729, 897
 - Chicago Neurological Society, 567, 724, 896, 1047
 - Illinois Psychiatric Society, 720
 - Michigan Society of Neurology and Psychiatry, 197, 392
 - New York Academy of Medicine, Section of Neurology and Psychiatry, and New York Neurological Society, 873
 - New York and Philadelphia Neurological Societies, 358
 - New York Neurological Society, 560, 887
 - Philadelphia Neurological Society, 193, 1038
 - Philadelphia Psychiatric Society, 186, 379
- Sodium Amytal: See Dementia Praecox
- Diphenyl Hydantoinate: See also Epilepsy
- diphenyl hydantoinate; dilantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769
 - diphenyl hydantoinate; ingestion of large doses of dilantin sodium, *265
 - diphenyl hydantoinate; vitamin C in epilepsy; dilantin sodium not cause of vitamin C deficiency, 853
- Solls-Cohen, L.: Asymptomatic vertebral fractures in cases of epilepsy; comparison with vertebral fractures due to metrazol-induced convulsions, 381
- Space, spatial disorientation; diagnostic differentiation between frontal and occipital lesions, 715
- Spasm: See Chorea; Convulsions; Epilepsy; etc.
- Specimens, fuchsin stain for cerebral blood vessels, 378
- Spiegel, E. A.: Rhythmic stimulation of labyrinth, 193
- Spies, T. D.: Peripheral nerves in cases of nutritional deficiency, *772
- Spinal Canal Roentgenography, immediate and late effects of intrathecal injection of iodized poppyseed oil, 570
- Spinal Cord: See also Meninges; Nervous System; Pyramidal Tract; etc.
- choline esterase in brain and spinal cord of sheep embryos, 708
 - compression of spinal cord and nerve roots by herniation of nucleus pulposus in cervical region, 556
 - danger of subarachnoid injection of alcohol for relief of pain, *533
 - distribution of nerve terminals (boutons) in human spinal cord; quantitative studies, *44
 - meningorachidian phlebitis; further observations, 360
 - operable lesions of; analysis of 60 cases which occurred in past 5 years, 366
 - sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446
- Spinal Fluid: See Cerebrospinal Fluid
- Spinal Puncture: See Cerebrospinal Fluid
- Spine: See also Atlas and Axis
- abnormalities; Klippel-Feil syndrome, 867
 - abscess; acute metastatic epidural abscess, 1030

Spine—Continued

- abscess, epidural, associated with actinomycosis, 856
- asymptomatic vertebral fractures in cases of epilepsy; comparison with vertebral fractures due to metrazol-induced convulsions, 381
- diseases and zoster, 347
- immediate and late effects of intrathecal injection of iodized poppyseed oil, 370
- injuries; injury to vertebrae occurring in Royal Air Force; review of cases, 553
- intervertebral disks; clinical aspects of protruded intervertebral disk, 558
- intervertebral disks; compression of spinal cord and nerve roots by herniation of nucleus pulposus in cervical region, 556
- intervertebral disk; herniation of nucleus pulposus and hypertrophy of ligamentum flavum; diagnosis, treatment and result, 1041
- intervertebral disks; symptom of narrowed intervertebral disk, 1031
- intradural lipomas, 1030
- meningorachidian phlebitis; further observations, 360
- prolonged jugular compression; diagnostic test of neurologic value, *633
- surgical management of sacrococcygeal and vertebral chordoma, 1035
- Splenomegaly, dilantin sodium poisoning; report of case with dermatitis exfoliativa, pyrexia and hepatic and splenic enlargement, *769
- Stains and Staining, changes in vascular pattern following experimental trauma of brain, 379
- fuchsin stain for cerebral blood vessels, 378
- physiologic significance and morphology of carmine cell in cat's anterior pituitary, 549
- Status Epilepticus: See under Epilepsy
- Sterba, R.: Psychoanalytic therapy, 394
- Sterilization, Sexual: See Gonads, excision
- Stevenson, L. D.: Changes in brain in alcoholism, *56
- Stomach, acidity; achlorhydric hypochromic anemia associated with peripheral neuritis, 175
- Stone, T. T.: Juvenile Huntington's chorea, *151
- Stories: See Fables
- Strauss, H.: Electroencephalographic changes associated with hypersensitivity of carotid sinus, 889
- Subarachnoid Space: See Meninges
- Subdural Spaces: See Meninges
- Submissiveness: See Psychoanalysis
- Substantia Nigra: See Brain, pathology
- Subthalamus: See Hypothalamus
- Sugars: See also Carbohydrates; Dextrose; etc. and oxygen metabolism of brain during and after insulin hypoglycemia, *282
- in Blood: See Blood sugar
- Suh, T. H.: Polioencephalitis haemorrhagica of Wernicke associated with febrile disease; report of 2 cases, 1 occurring during typhoid fever and verified by autopsy, *658
- Sulfanilamide and Sulfanilamide Derivatives, peripheral neuropathy and toxic psychosis with convulsions due to sulfamethylthiazole, 866
- Therapy: See under names of diseases, as Influenza; Meningitis; etc.
- Sulfur, chemistry of anticonvulsant drugs, *508
- Supraoptic Commissure: See Optic Chiasm
- Suprarenals: See Adrenals
- Sweat Glands, pilocarpine sweating test; valid indicator in differentiation of preganglionic and postganglionic sympathectomy, *992
- sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446

Sweet, W. H.: Experimental production of intracranial tumors in white rat, 1047

Seeping intracranial aneurysm simulating neoplasm; syndrome of corpus callosum, *86

Sympathectomy: See also under Arms; Extremities, blood supply

pilocarpine sweating test; valid indicator in differentiation of preganglionic and postganglionic sympathectomy, *992

sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446

Syncope, progressive facial hemiatrophy, 549

Syphilis: See also under names of organs and regions

optic nerve damage in luetic patients, 871

pathology and pathogenesis of syphilitic primary optic atrophy, 718

problem of syphilitic psychosis, 1020

sobisminol mass in treatment, 871

therapeutic methods in neurosyphilis, 871

Syringomyelia, familial lumbosacral, 1031

neurologic significance of platybasia, 567

Tabes Dorsalis, casuistic contribution to treatment of tabetic crises; insulin in control of lancinating pains, 354

pathology and pathogenesis of syphilitic primary optic atrophy, 718

recurrent polyradiculoneuritis (Guillain-Barré variety) with pseudotabetic symptoms, 1033

Tamaki, K.: Petechial hemorrhages of brain experimentally produced in rats by concussion, *1

Tarlau, M.: Clinical trial of beta erythroidine hydrochloride in hypertonic and in hyperkinetic states, *649

Tarlov, I. M.: Histologic observations on sensory and motor roots of glossopharyngeal nerve and vagus-spinal accessory complex, 375

Taylor, H. K.: Porencephalic cyst; report of case with arteriographic studies, *1009

Telencephalon: See Brain

Temperature: See Heat

Testosterone: See Androgens

Thiamine: See Vitamins, B

Thomsen's Disease: See Myotonia congenita

Thorax, tic of diaphragm (postencephalitic); bilateral phrenicectomy, with observations on regeneration of nerves and description of new method of thoracotomy and trans-thoracic phrenicectomy, 1039

Thornier, M. W.: Neurophysiologic basis of Parkinson tremor, 367

Tic Douloureux: See Neuralgia, trigeminal

Tissue, lipid metabolism in brain and other tissues of rat, 335

Staining: See Stains and Staining

study of synthesis and deposition of lipids in brain and other tissues with deuterium as indicator, 335

Tocopherol: See Vitamins, E

Tongue, elicitation of "pseudomotor contraction" in tongue by intramedullary stimulation (Phillipeaux-Vulpien-Heidenhain phenomenon), *271

sublingual absorption of prostigmine bromide, *1007

Torsion Spasm: See under Dystonia

Towne, L.: Endocrine abnormalities in childhood, 731

Toxoplasmosis, experimental transmission of toxoplasmic encephalomyelitis, 170

toxoplasmic encephalomyelitis, 169

Transference: See Psychoanalysis

Transplantation, growth regulation of transplanted eye and leg disks in *Drosophila*, 704

Trauma: See also Brain, injuries; Cranium, injuries; Head, injuries; Parkinsonism; Spine, injuries; etc.

etiologic relationship to schizophrenia, 893

Trauma—Continued

nervous disorder after injury; review of 400 cases, 169

role in amyotrophic lateral sclerosis, *296

Tremor: See also Paralysis agitans; Parkinsonism

clinical trial of beta erythroidine hydrochloride in hypertonic and in hyperkinetic states, *649

effects of phenobarbital on muscular steadiness, 1017

hysterical, differential diagnosis of, *517

neurophysiologic basis of Parkinson tremor, 367

Tuber Cinereum: See Hypothalamus

Tuberculosis: See under names of various organs, regions and diseases

Tuberculum Sellae: See Hypothalamus

Tumors: See Chordoma; Fibroblastoma;

Ganglioneuroma; Glioblastoma; Glioma;

Lipoma; Meningioma; Neuroma; etc.; and

under names of organs and regions, i. e.,

Brain; Choroid Plexus; Corpus Callosum;

Medulla Oblongata; Meninges; Nerves,

acoustic; Pons Varolii; Retina; etc.

Twins, hereditary ataxia in identical twins affecting cerebellum and certain of its physiologically related structures; clinicopathologic study, 1044

juvenile paresis [dementia paralytica] in 1 twin, 1028

Typhoid, polioencephalitis haemorrhagica of Wernicke associated with febrile disease; report of 2 cases, 1 occurring during typhoid fever and verified by autopsy, *658

Unconscious: See Psychoanalysis

Unverricht's Disease: See Epilepsy, myoclonus

Urbaltis, J. C.: Application of Rorschach test to practice in mental disease hospitals, 383

Ureters, obstruction; influenzal meningitis treated with sulfapyridine, 869

Urination, incontinence; treatment and cause of nocturnal enuresis in children, 355

Urine: See also Urination

creatinine; effect of testosterone propionate on induced creatinuria in rats, 539

Vaccination, Encephalitis Following: See under Encephalitis

Vasomotor System: See Arteries; Capillaries; Sympathectomy; Veins; etc.

Veins: See also Phlebitis; etc.

Pressure in: See Blood pressure

prolonged jugular compression; diagnostic test of neurologic value, *633

Ventriculography: See Brain, roentgenography

Vertebrae: See Spine

Vestibular Apparatus: See Ear

Nuclei: See Medulla Oblongata

Virilism with symptoms of involvement of adrenal cortex; report of case, 189

Vision, clinical detection of early changes in visual field, 181

functional relations of primary, secondary

and tertiary visual cortical areas, 714

metamorphopsia and other psychovisual disturbances in patient with tumor of brain, *481

studies on corpus callosum; higher visual functions in each homonymous field following complete section of corpus callosum, *788

Vitamins, B: See also Pellagra

B: cerebral carbohydrate metabolism during deficiency of various members of vitamin B complex, 705

B: fatty acids synthesized by action of thiamine, 706

B: influence of alcohol on adequacy of B vitamins in American diet, 336

Vitamins—Continued

B: relation of thiamine to citric acid metabolism, 706

B: treatment of migraine with vitamin B₁; résumé of 1 year's experience, 368

B: vitamin B₁ in treatment of poliomyelitis, 871

B: Wernicke syndrome, 560

C: ascorbic acid in spinal fluid, 176

C in epilepsy; dilantin sodium not cause of vitamin C deficiency, 853

C, passing into spinal fluid in cases of injury to hematoencephalic barrier, 176

E: amyotrophic lateral sclerosis treated with synthetic vitamin E, 873

E, effect on muscular dystrophies, 364

vitamin therapy of diseases of neuromuscular apparatus, *672

Vulpian-Heidenhain-Philipeaux Phenomenon:

See under Tongue

Waggoner, R. W.: Role of trauma in amyotrophic lateral sclerosis, *296

Walker, A. E.: Astrocytosis arachnoideae cerebelli; rare manifestation of von Recklinghausen's neurofibromatosis, *520

Immediate and late effects of intrathecal injection of iodized poppyseed oil, 570

Wall, J. H.: Stephen Collins Foster, 383

Walter, C. W. P.: Electroencephalogram of children with focal convulsive seizures, *834

War, neuroses among combatant troops in great war, 168

Waterman, J.: Application of Rorschach test to practice in mental disease hospitals, 383

Weaver, T. A.: Paralysis of conjugate lateral movement of eyes in association with cerebellar abscess, 568

Wechsler, I. S.: Amyotrophic lateral sclerosis treated with synthetic vitamin E, 873

Well, A.: Experimental retinoblastoma, 376

Wender, L.: Value of electrocardiogram in metrazol therapy, 887

Werner, A. A.: Involutional melancholia; review with additional cases, *944

Wernicke's Disease: See Encephalitis, hemorrhagic

Whooping Cough, encephalitis in course of, 171

Widman, B.: Therapy of parkinsonism, 1046

Wigginton, C.: Elicitation of "pseudomotor contracture" in tongue by intramedullary stimulation, *271

Wigton, R. S.: Relation of calcium and potassium to certain aspects of neuromuscular function, 358

Wilson, G.: Hereditary ataxia in identical twins affecting cerebellum and certain of its physiologically related structures; clinicopathologic study, 1044

Wilson's Disease: See under Lenticular Nucleus

Winkelman, N. W.: Asymptomatic vertebral fractures in cases of epilepsy; comparison with vertebral fractures due to metrazol-induced convulsions, 381

Lymphogranulomatosis (Hodgkin's disease) of nervous system, *304

Wolfe, R.: Clinical experiences with metrazol shock therapy, 729

Wolff, H. G.: Experimental studies on headache; contrast of histamine headache with

headache of migraine and that associated with hypertension; contrast of vascular

mechanisms in preheadache and in headache phenomena of migraine, *199

Wolkin, J.: Pilocarpine sweating test; valid indicator in differentiation of preganglionic and postganglionic sympathectomy, *992

Sweat mechanism in man; study of distribution of sweat fibers from sympathetic ganglia, spinal roots, spinal cord and common carotid artery, *446

- Woltman, H. W.: Neuritis associated with acromegaly, *680
- Wortis, H.: Wernicke syndrome, 560
- Wortis, J.: Changes in cerebral blood flow and arteriovenous oxygen difference during insulin hypoglycemia, 878
- Wyatt, G. M.: Mechanism of displacement of ventricular system in children with atrophic lesions, *246
- Wyatt, T. E.: Infarction of brain with unilateral circulatory changes, *321
- Wycis, H.: Congenital stenosis of jugular foramens; report of case, 1043
- Xanthomatosis:** See Schüller-Christian Syndrome
- Yacorzynski, G. K.:** Deterioration in epilepsy, 1049
- Yaskin, J. S.: Operable lesions of spinal cord; analysis of 60 cases which occurred in past 5 years, 366
- Yasskin, H. E.: Rickettsial meningoencephalomyelitis: histopathologic study of case of Rocky Mountain spotted fever, 195
- Zeitlin, H.:** Intracranial chordoma, *984
- Zeritsky, S. A.: Symbolic art in case of schizophrenia, 190
- Zilboorg, G.: Intellectual psychotherapy, 564
- Ziskind, E.: Memory defects during metrazol therapy, *223
- Zona: See Herpes zoster

